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                                                                        February 1, 2005, 07:47:50; Search time 61.1429 Seconds (without alignments) 118.179 Million cell updates/sec
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         GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                                                                1608061 seqs, 361289386 residues
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Maximum Match 100%
Listing first 45 summaries
                                                     OM protein - protein search, using sw model
                                                                                                                                          1 CANWVWRSTQDSFNNGAYFV 20
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Gapop 10.0 , Gapext 0.5
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Sequence:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

|        |       |       |                 |    | SUMMARIES          |                   |
|--------|-------|-------|-----------------|----|--------------------|-------------------|
|        |       | dю    |                 |    |                    |                   |
| Result |       | Query |                 |    |                    |                   |
| No.    | Score | Match | Match Length DB | DB | ID                 | Description       |
| 1      | 71    | 59.7  | 15              | 14 | US-10-354-240-73   | Sequence 73, Appl |
| 7      | 67    | 56.3  | 15              | 14 | US-10-354-240-74   | Sequence 74, Appl |
| e      | 57    | 47.9  | 15              | 14 | US-10-354-240-72   | Sequence 72, Appl |
| 4      | 41    | 34.5  | 15              | 14 | US-10-354-240-75   | Sequence 75, Appl |
| 2      | 41    | 34.5  | 18              | 16 | US-10-742-379-93   |                   |
| 9      | 40.5  | 34.0  | 13              | 16 | US-10-468-496-1269 |                   |
| 7      | 40.5  | 34.0  | 13              | 16 | US-10-468-496-1270 | Sequence 1270, Ap |
| α      | 40.5  | 34.0  | 13              |    | US-10-468-496-1271 | Sequence 1271, Ap |
| 6      | 39    | 32.8  | 13              | 16 | US-10-468-496-1267 | Sequence 1267, Ap |
| 10     | 39    | 32.8  | 13              |    | US-10-468-496-1268 | Seguence 1268, Ap |
| 11     | 37    | 31.1  | 80              | 6  | US-09-962-445-15   | Sequence 15, Appl |
| 12     | 35    | 29.4  | 7               | 16 | US-10-714-564A-323 | Sequence 323, App |
| 13     | 35    | 29.4  | 8               | 16 |                    | Sequence 324, App |

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| -564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-2<br>-564A-2<br>-564A-2<br>-564A-2<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-564A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A-3<br>-664A- | Tree there in 1,   |
|   | ALIGNMENTS 40 Immunothe /354,240 7/00740 42,524  |
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|   | 03542<br>Basec<br>WS/1C<br>1-29<br>0<br>0<br>0 9/1<br>ica  |
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|   | 1. Application US/1035 1. Application US/1035 10. US20030185847A1 10. US20030185847A1 10. Sone, Toshio 10. Kume, Akinori 10. Dairiki, Kazuo 11. Wama, Akiko 11. Kano, Kohsuke 11. Kino, Kohsuke 12. Kino, Kohsuke 13. Rino, Kohsuke 13. Rino, Rohsuke 13. Rino, Rohsuke 13. Rino, Muhaer: US/ 12. CATON NUMBER: PCT/J 13. Rino DATE: 1998-09-09 14. Rino DATE: 1998-09-09 15. Rino DATE: 1998-09-09 16. Rino DATE: 1998-09-09 16. Rino DATE: 1998-09-09 16. Rino DATE: 1998-09-09 16. Rino DATE: 1998-09-09 17. Rino DATE: 1998-09-09 18. Rino DATE: 1998- |
| 4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 73 No. US200301 RMATION: US200301 RMATION: US200301 Sone, Toshio Bairiki, Ka Iwama, Akik Kino, Kohsu VENTION: Pp NCE: SPO-103 LIGTATION NUMBE G DATE: 1997 G DATE: 1998 G DATE: 1998 G DATE: 1998 CYPLOMENTE CYPLOMENTE CYPLOMENTE CATION NUMBE G DATE: 1998 G DATE: 1998 G DATE: 1097 CATION NUMBE CATION NUMBE CATION NUMBE CATION NUMBE CATION NUMBE (10, 10, 10, 10, 10, 10, 10, 10, 10, 10,   |
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| N N N N N T T T T T T T T T T T T T T T   | D.T. 1 0-354-240-73 0-354-240-73 Quence 73, Application US/1035424 Dilication No. US20030185847A1 NERAL INFORMATION: NEPLICANT: Sone, Toshio PPLICANT: Wame, Akinori PPLICANT: Wame, Akinori PPLICANT: Wame, Akinori PPLICANT: Name, Akiko RIOR PLING DATE: 1998-09-09 NUBER OF SEQ ID NOS: 174 Q ID NO 73 CHENCHE: PRICATION NUMBER: DATE: 1987-03-10 PPLENGTH: 15 TYPE: PRT  |
| 11111110000000000000000000000000000000  | RESULT 1  US-10-354-240-73  US-10-354-240-73  Sequence 77, Application US/10354240  Publication No. US20030185847A1  GENERAL INFORMATION: APPLICANT: Kume, Akinori APPLICANT: Kume, Akinori APPLICANT: Kume, Akinori APPLICANT: Twama, Akiko APPLICANT: Twama, Akiko APPLICANT: Twama, Akiko APPLICANT: Twama, Akiko APPLICANT: Fusma, Akiko CURRENT FILING DATE: 2003-01-29 PRIOR PRIOR PELICATION NUMBER: US/10/354,240  CURRENT APPLICATION NUMBER: US/09/10/36  PRIOR PRIOR DATE: 2003-01-29 PRIOR PRIOR DATE: 1998-09-09 PRIOR PLING DATE: 1998-09-09  PRIOR PLING DATE: 1998-09-09  PRIOR PLING DATE: 1998-09-09  SOFTWARE: PatentIn version 3.1  SEQ ID NO 73  LENGTH: 15  TYPE: PAT  TYPE: PAT  NGGANISM: CYPPTOMERIA  NAME/KEY: MISC FRATURE  LOCATION: (1)(15)  USHING INFORMATION: Cryjl peptide, Figure 1, Row 59 US-10-354-240-73   |

1 CANWVWRSTQDSFNN 15

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Ouery Match 59.7%; Score 71; DB 14; Length 15; Best Local Similarity 73.3%; Pred. No. 0.0027; Matches 11; Conservative 2; Mismatches 2; Indels

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Gaps

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APPLICANT: Sone, Toshio

APPLICANT: Knme, Akinori

APPLICANT: Knme, Akinori

APPLICANT: Dairiki, Kazuo

APPLICANT: Dairiki, Kazuo

APPLICANT: Lama, Akiko

TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise

FILE REPERENCE: SPO-103D1

CURRENT APPLICATION NUMBER: US/10/354,240

CURRENT APPLICATION NUMBER: PCT/JP97/00740

PRIOR FILING DATE: 1997-03-10

PRIOR FILING DATE: 1998-09-09

NUMBER OF SEQ ID NOS: 174

SOFTWARE: Patentin version 3.1

SEQ ID NO 75

LENGTH: 15
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APPLICANT: Min, Hosung
APPLICANT: Min, Hosung
APPLICANT: BROING: THOMBE Charles
TITLE OF INVENTION: BINDING AGENIS WHICH INHIBIT MYOSTATIN
FILE REFERENCE: A-828 (US)
CURRENT APPLICATION NUMBER: US/10/742,379
CURRENT FILING DATE: 2003-12-19
PRIOR APPLICATION NUMBER: US 60/435,923
PRIOR APPLICATION NUMBER: US 60/435,923
NUMBER OF SEQ ID NOS: 634
SOFTWARE: PLANCE FILING ATE: 2002-12-20
NUMBER OF SEQ ID NOS: 634
SEQ ID NO 93
LENGTH: 18
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Pred. No. 53;
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Pred. No. 63;
                          Indels
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; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 61
US-10-354-240-75
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0
  Pred. No. 0.27;
2; Mismatches
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                                                                                                                                                                                                                                 ; Sequence 75, Application US/10354240; Publication No. US20030185847A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 93, Application US/10742379
Publication No. US20040181033A1
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80.0%;
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  Similarity 80.08; Conservative
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Matches 8; Conservative
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                                                                                                                                                                                         APPLICANT: Kume, Akinori
APPLICANT: Mama, Akinori
APPLICANT: Mama, Akinori
APPLICANT: Mama, Akinor
APPLICANT: Mama, Akiko
APPLICANT: Kino, Kohkuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
TILE REFERENCE: SPO-103D1
CURRENT PLING DATE: 2003-01-29
RRIOR APPLICATION NUMBER: US/10/354,240
RRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID 0.74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akiko
APPLICANT: Wama, Akiko
APPLICANT: Wama, Akiko
APPLICANT: Wama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
TITLE REFERENCE: S00-103D1
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT APPLICATION NUMBER: US/00/40
PRIOR APPLICATION NUMBER: US 09/142,524
PRIOR APPLICATION NUMBER: US 09/142,524
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PatentIn version 3.1
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COTHER INFORMATION: Cryjl peptide, Figure 1, Row 60
US-10-354-240-74
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OTHER INFORMATION: Cryjl peptide, Figure 1, Row 58
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Best Local Similarity 80.0%; Pred. No. 0.01;
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                                                                                                                Sequence 74, Application US/10354240
Publication No. US20030185847A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Cryptomeria japonica
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  CSNWVWQSTQDVFYN 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 72
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47.9%; Score 57; DB 14; Length 15;

Query Match

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APPLICANT: Hamilton, Anita

TITLE OF INVENTION: METHOD FOR IDENTIFICATION OF T-CELL

TITLE OF INVENTION: METHOD FOR IDENTIFICATION OF T-CELL

TITLE OF INVENTION: IMMUNOGENCITY

TITLE OF INVENTION: IMMUNOGENCITY

FILE REFERENCE: MER-117

CURRENT PELLING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 01103954.2

PRIOR APPLICATION NUMBER: 0110577.5

PRIOR APPLICATION NUMBER: 0110577.5

PRIOR PILING DATE: 2001-03-08

PRIOR PILING DATE: 2001-03-08

PRIOR PILING DATE: 2001-03-15

PRIOR PILING DATE: 2001-03-15

PRIOR PILING DATE: 2001-03-15

PRIOR PAPLICATION NUMBER: 01106536.4

PRIOR APPLICATION NUMBER: 01107012.5

PRIOR APPLICATION NUMBER: 01107012.5

PRIOR APPLICATION NUMBER: 01107012.5

PRIOR PILING DATE: 2001-03-10

PRIOR PILING DATE: 2001-03-10
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                                                                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: MHC class II binding epitope US-10-468-496-1270
                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 40.5; DE
Pred. No. 55;
2; Mismatches
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63.6%; Pred. No. 55;
tive 2; Mismatches
                  PRIOR APPLICATION NUMBER: 01106538.0
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: 01106536.4
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: 01107012.5
PRIOR APLICATION NUMBER: 01106899.6
PRIOR FILING DATE: 2001-03-20
PRIOR FILING DATE: 2001-03-20
NUMBER OF SEQ ID NOS: 2036
SOGTWARRE: FREESEQ FOR WINDOWS Version 4.0
                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
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APPLICANT: Jones, Tim
PAPLICANT: Williams, Stephen
APPLICANT: Hamilton, Anita
    FILING DATE: 2001-03-08
                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 63.5
Best Local 7; Conservative
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Best Local Similarity
Matches 7; Conserv
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APPLICANT: Carter, Graham
APPLICANT: Jones, Tim
APPLICANT: Williams, Stephen
APPLICANT: Hamilton, Anita
TITLE OF INVENTION: EPITOPES AND USE FOR PREPARING MOLECULES WITH REDUCED
FILLE OF INVENTION: IMMUNOGENCITY
FILLE REPERENCE: MER-117
    Gaps
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    2; Indels
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  Mismatches
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Pred. No. 55;
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CURRENT FILING DATE: 2003-09-25
                                                                                                                                                                                               Sequence 1269, Application US/10468496
Publication No. US20040180386A1
GENERAL INFORMATION:
APPLICANT: Carr, Francis J.
APPLICANT: Carter, Graham
APPLICANT: Jones, Tim
APPLICANT: Hamilton, Anita
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1270, Application US/10468496 Publication No. US20040180386A1 GENERAL INFORMATION:
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PRIOR FILING DATE: 2001-02-19
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Best Local Similarity 63.6%;
Matches 7; Conservative
  6; Conservative
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                                                                                         4 CAMWGWRNT 12
                                            1 CANWVWRST 9
Matches
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PRIOR APPLICATION NUMBER: 01107012.5
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Matches 7; Conservative
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5 WLWRSAKD 12
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                                                                                                            Sequence 1267, Application US/10468496

Publication No. US20040180386A1

GENERAL INPORMATION:

APPLICANT: Carter, Graham

APPLICANT: Carter, Graham

APPLICANT: Carter, Graham

APPLICANT: Hamilton, Anita

TITLE OF INVENTION: METHOD FOR IDENTIFICATION OF T-CELL

TITLE OF INVENTION: MEPHOD FOR IDENTIFICATION OF T-CELL

TITLE OF INVENTION: IMMUNOSENCITY

TITLE OF INVENTION: IMMUNOSENCITY

TITLE OF INVENTION: IMMUNOSENCITY

FILE REFERENCE: MER-117

CURRENT FILING DATE: 2003-09-25

PRIOR FILING DATE: 2001-02-19

PRIOR FILING DATE: 2001-03-15

PRIOR FILING DATE: 2001-03-20

PRIOR PELING DATE: 2001-03-20

PRIOR FILING DATE: 2001-03-20
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APPLICANT: Cart, Francis J.
APPLICANT: Carter, Graham
APPLICANT: Jones, Tim
APPLICANT: Hamilton, Anita
APPLICANTON EPITOBES AND USE FOR PREPARING MOLECULES WITH REDUCED
TITLE OF INVENTION: IMMUNOGENCITY
FILE REPERENCE: MRR-11003-22
CURRENT APPLICATION NUMBER: U101954.2
PRIOR APPLICATION NUMBER: 0110577.5
PRIOR FILING DATE: 2001-03-19
PRIOR FILING DATE: 2001-03-19
PRIOR FILING DATE: 2001-03-19
PRIOR FILING DATE: 2001-03-19
PRIOR FILING DATE: 2001-03-10
PRIOR FILING DATE: 2001-03-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: MHC class II binding epitope US-10-468-496-1267
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Publication No. US20040180386A1
GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 01106536.4
PRIOR FILING DATE: 2001-03-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  32.8
Best Local Similarity 62.5
Matches 5, Conservative
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LENGTH: 13
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APPLICANT: MATSUSHITA, Sho et al.

TITLE OF INVENTION: Clonal Expansion of T Cells of Unknown Specificity and Identific TITLE OF INVENTION: Ligand Recognized by the Clonally Expanded T Cells FILE REFERENCE: 0020-4906P
CURRENT APPLICATION NUMBER: US/09/962,445
CURRENT FILING DATE: 2001-12-28
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| Publication No. US20040175361A1 |
| GENERAL INFORMATION: |
| APPLICANT: Blackluk, Orest W. |
| APPLICANT: Michaud, Stephanie D. |
| ITILE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING |
| TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING |
| TITLE OF INVENTION: FUNCTIONS OF NONCLASSICAL CADHERINS |
| FILE REFERENCE: 100086.418 |
| CURRENT PELLING DATE: 2003-11-14 |
| NUMBER OF SEQ ID NOS: 1402 |
| SOFTWARE: FastSEQ-for Windows Version 4.0 |
| SEQ ID NO 323 |
| LENGTH: 7
                                                                                                                                                                                                                                                                                                                                                              Score 39; DB 16; Length 13;
Pred. No. 90;
                                                                                                                                                                                                                                                                                                                                                                                                                        1; Indels
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87.5%; Pred. No. 1.5e+06;
tive 0; Mismatches 1;
                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: MHC class II binding epitope US-10-468-496-1268
                                                                                                                                                                                                                                                                                                                                                                                                                        2; Mismatches
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                                                                              NUMBER OF SEQ ID NOS: 2036.
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1268
LENGTH: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: JP 2001-79621
PRIOR FILING DATE: 2001-03-21
PRIOR FILING DATE: 2001-03-20
PRIOR APPLICATION NUMBER: 01106899.6
PRIOR FILING DATE: 2001-03-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 15, Application US/09962445; Publication No. US20020192705A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Japanese cedar pollen
                                                                                                                                                                                                                                                                                                                                                                 Query Match 32.8%;
Best Local Similarity 62.5%;
                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 8
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GENERAL INFORMATION.

GENERAL INFORMATION.

APPLICANT: Blacchut, Orest W.

TITLE OF INVENTION: COMPOINDS AND METHODS FOR MODULATING

TITLE OF INVENTION: PUNCTIONS OF NONCLASSICAL CADHERINS

TITLE OF INVENTION: PUNCTIONS OF NONCLASSICAL CADHERINS

FILE REPERRNCE: 100086.418

CURRENT FILING DATE: 2003-11-14

NUMBER OF SEQ ID NOS: 1402

SEQ ID NO 326

LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           29.4%; Score 35; DB 16; Length 10; 66.7%; Pred. No. 2.6e+02; tive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Exemplary cyclic peptide US-10-714-564A-326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Search completed: February 1, 2005, 08:27:14 Job time : 61.1429 secs
                                             ; Sequence 326, Application US/10714564A; Publication No. US20040175361A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 66.7
Matches 4; Conservative
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                         US-10-714-564A-326
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                                                                                                                                                                                                                                                                              Sequence 344, Application US/10714564A
Publication No. US20040175361A1
GENERAL INFORMATION:
GENERAL INFORMATION:
JAPPLICANT: Blaschuk, Orest W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
CURRENT APPLICATION NUMBER: US/10/714,564A
CURRENT FILLING DATE: 2003-11-14
NUMBER OF SEQ ID NOS: 1402
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Squence 325, Application US/10714564A

Publication No. US20040175361A1

GENERAL INFORMATION:

APPLICANT: Blaschuk, Orest W.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING

TITLE OF INVENTION: FORFORD

CURRENT APPLICATION NUMBER: US/10/714,564A

CURRENT FILING DATE: 2003-11-14

NUMBER OF SEQ ID NOS: 1402

SOFTWARE: FRSESEQ for Windows Version 4.0
                                         29.4%; Score 35; DB 16; Length 7; 66.7%; Pred. No. 1.5e+06; ive 1; Mismatches 1; Indels
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Pred. No. 1.5e+06;
1; Mismatches 1; Indels
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; OTHER INFORMATION: Exemplary cyclic peptide
US-10-714-564A-324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Exemplary cyclic peptide
US-10-714-564A-325
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
                                       Query Match
Best Local Similarity 66.7
Matches 4; Conservative
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Best Local Similarity 66.7
Matches 4; Conservative
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Best Local Similarity
Matches 4; Conserv
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1 CRSWVW 6
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US-10-714-564A-323
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US-10-714-564A-324
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; Sequence 55, Application US/08467023
; Patent No. 6090386
; GENERAL INFORMATION:
; APPLICANT: Griffeth, Irwin J.;
; APPLICANT: Garman, Richard D;
; APPLICANT: Kuo, Mai-Chang;
; APPLICANT: Kuo, Mai-Chang;
; APPLICANT: Exley, Mark A.;
; APPLICANT: Exley, Mark A.;
; APPLICANT: Exley, Mark A.;
; APPLICANT: Brauer, Allergenic Proteins And Peptides From TITLE OF INVENTION: Japanese Cedar Pollen
; TITLE OF INVENTION: Japanese Cedar Pollen
; NUMBER OF SEQUENCES: 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSES: ImmuLogic Plarmaceutical Corporation, Inc. STREET: 610 Lincoln St CITY: Waltham STRIE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Z1P: 02154

COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: June 6, 1995
CLASSIFICATION 124
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane E. Remillard
REGISTRATION NUMBER: 38,872
REFERENCE/DOCKET NUMBER: 38,873
REFERENCE/DOCKET NUMBER: 38,873
REFERENCE/DOCKET NUMBER: 3
US-08-433-318A-177
US-08-922-048-106
US-08-922-048-114
US-08-922-048-177
US-09-111-681C-122
US-09-111-681C-135
US-09-111-681C-135
US-09-111-681C-135
US-09-111-681C-193
US-09-111-681C-193
US-09-111-681C-193
US-08-133-118A-90
US-08-433-118A-90
US-08-433-118A-91
US-08-433-118A-161
US-08-433-118A-161
US-08-433-118A-161
US-08-433-118A-161
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 ZIP: 02154
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                                                                                                                 February 1, 2005, 07:38:44; Search time 18.4286 Seconds (without alignments) 71.973 Million cell updates/sec
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
                   5.1.6
Compugen Ltd.
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US-09-142-524D-73
US-09-142-524D-74
US-09-142-524D-74
US-09-142-524D-75
US-08-467-023-54
US-08-934-915-107
US-08-934-915-107
US-08-933-318A-138
US-08-922-048-138
US-08-922-048-138
US-08-922-048-139
US-09-111-681C-154
US-09-111-681C-154
US-09-111-681C-154
US-08-922-048-132
US-08-922-048-132
US-08-922-048-132
US-08-922-048-132
US-08-922-048-130
US-09-111-681C-138
US-09-111-681C-138
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US-09-111-681C-138
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US-08-922-048-130
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US-08-922-048-130
US-08-93-318A-116
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                                                                                                                                                                                                                                                                                                           478139 seqs, 66318000 residues
                 GenCore version
Copyright (c) 1993 - 2005
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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                                                                                   protein search, using
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seq length: 20
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Maximum DB
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No.
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APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise-
TITLE REPERENCE: SPO-103
CURRENT APPLICATION NUMBER: US/09/142,524D
PRIOR APPLICATION NUMBER: CT/JP97/00740
PRIOR PILING DATE: 1997-03-10
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APPLICANT: Bond, Julian F;
APPLICANT: Kuo, Mei-Chang;
APPLICANT: You, Mei-Chang;
APPLICANT: Exlev, Mark A;
APPLICANT: Exlev, Mark A;
APPLICANT: Exlev, Mark A;
APPLICANT: Description: Allergenic Proteins And Peptides From TITLE OF INVENTION: Japanese Cedar Pollen
                                                                      Length 15;
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; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 58
US-09-142-524D-72
    ; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 60
US-09-142-524D-74
                                                                  Score 67; DB 4; Pred. No. 0.00094;
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Pred. No. 0.03;
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; Patent No. 6719976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 54, Application US/08467023
; Patent No. 6090386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Griffeth, Irwin J.;
APPLICANT: Pollock, Joanne;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pollock, Joanne;
Bond, Julian F.;
Garman, Richard D;
Kuo, Mei-Chang;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           47.9%;
                                                                Query Match 56.3%;
Best Local Similarity 80.0%;
Matches 12; Conservative
                                                                                                                                                      6 WRSTODSFUNGAYFV 20
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Best Local Similarity 80.0
Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Dairiki, Kazuo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 2/
CORRESPONDENCE ADDRESS:
ADDRESSEE: ImmuLogic
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6 CSNWVWQSTQ 15
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US-08-467-023-54
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APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Wama, Akinori
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
TURENT APPLICATION NUMBER: US/09/142,524D
CURRENT APPLICATION NUMBER: EQT/JP97/00740
PRIOR FILING DATE: 1098-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 73
LENGTH: 15
TYPE: PRT
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TITLE OF INVENTION: Populate
FILE REFERENCE: SPO-103
CURRENT APPLICATION NUMBER: 8(99/142,524D
CURRENT FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR APPLICATION NUMBER: PCT/JP97/00740
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 74
LENGTH: 15
TYPE: PAT
CREANISM: Cryptomeria japonica
FEATURE:
NAME/KEY: MISC FEATURE
LOCATION: (1). (15)
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                                            ; DB 3; Length 20; 2.9e-08;
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Best Local Similarity 73.3%; Pred. No. 0.00024;
Matches 11; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: (1). (15)
OTHER INFORMATION: Cryjl peptide, Figure 1, Row 59
                                       82.4%; Score 98; ilarity 80.0%; Pred. No. 2 Conservative 2; Mismatch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 74, Application US/09142524D
Patent No. 6719976
GENERAL INFORMATION:
APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Name, Akinori
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
                                                                                                                                                                                                                                                                         Sequence 73, Application US/09142524D Patent No. 6719976
GENERAL INFORMATION:
                                                                                                                              1 CANWVWRSTODSFNNGAYFV 20
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                                     Query Match
Best Local Similarity
Matches 16; Conserv
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US-08-467-023-55
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TITLE OF INVENTION: Allergenic Proteins And Peptides From
TITLE OF INVENTION: Japanese Cedar Pollen
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSEE: ImmuLogic Pharmaceutical Corporation, Inc.
STREET: 610 Lincoln St
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 3; Length 20;
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: Unne 6, 1995
CLASSIFICATION A24
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane E. Remillard
REGISTRATION NUMBER: 38,872
REGISTRATION NUMBER: 38,872
REFERENCE/DOCKET NUMBER: 025.6 USD2 (IMI-028CPD2)
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: CHENG, HWEE-MING
TITLE OF INVENTION: SYNTHETIC PEPTIDES OF HUMAN
TITLE OF INVENTION: PAPILLOMAVIRUS 1, 5, 6, 8,
TITLE OF INVENTION: 11, 16, 18, 31, 33 AND 56,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pred. No. 10;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 41;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 107, Application US/08934915
Patent No. 5932412
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                               56, Application US/08467023
                                                                                                                                                                                                                                       Yeung, Siu-mei H.;
Brauer, Andrew;
Exley, Mark A.;
Powers, Steven P.
                                                                                                                                                Pollock, Joanne,
Bond, Julian F.,
Garman, Richard D,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        34.5%;
                                                                                                                                                                                                                    Kuo, Mei-Chang;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11 DSFNNGAYFV 20
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Best Local Similarity
Matches 8; Conserval
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-934-915-107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-467-023-56
                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ò
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Sone, Toshio
APPLICANT: Sone, Toshio
APPLICANT: Wama, Akiko
APPLICANT: Dairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Wama, Akiko
APPLICANT: Wama, Akiko
APPLICANT: Wama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REFERENCE: SPO-103
CURRENT FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR PILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ó
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               47.9%; Score 57; DB 3; Length 20; 80.0%; Pred. No. 0.041;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2; Indels
                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: June 6, 1995
CLASSIFICATION: 424
PRIOR PAPELICATION DATA:
APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORINY/AGENT INFORMATION:
NAME: Jane E. Remillard
REGISTRATION NUMBER: 38,872
REGISTRATION NUMBER: 38,872
REGISTRATION NUMBER: 025.6 USD2 (IMI-028CPD2)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEPAX: (617) 227-7401
TELEPAX: (617) 227-7401
TELEPAX: (617) 227-7401
TELEPAX: (617) 227-7401
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: MISC FEATURE
LOCATION: (1)...(15)
OTHER INFORMATION: Cryjl peptide, Figure 1, Row
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sequence 75, Application US/09142524D Patent No. 6719976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                           20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 80.0
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 DVFYNGAYFV 10
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11 CSNWVWQSTQ 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  amino acid
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Best Local Similarity
Matches 8; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-142-524D-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: am
TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-467-023-54
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LENGTH: 15
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Gaps
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US-08-433-318A-146
US-08-433-318A-146
Sequence 146, Application US/08433318A
Patent No. 5663144
GENERAL INFORMATION:
APPLICANT: Greene, Mark I.
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND TITLE OF INVENTION: METHODS OF USING THE SAME NUMBER OF SEQUENCES: 184
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5663144ris
STREET: One Liberty Place - 46th Floor
CITY: Phladelphia
                                                                                                                                                                                                                                                                                                                                                                 Score 34; DB 1; Length 10;
Pred. No. 53;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         28.6%; Score 34; DB 1; Length 10; 66.7%; Pred. No. 53; 2; Indels ive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: Windows
SOFTWARE: WORDDERFECT 6
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/433,318A
PILING DATE: 03-MAY-1995
CLASSIFICATION STA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                         ATTORNEY AGENT INFORMATION:
NAME: Mark DeLuca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPN-2106
TELEPHONE: (215) 568-3100
TELEPHONE: (215) 568-3439
INFORMATION FOR SEQ ID NO: 138:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mark Delinca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPN-2106
TELECOMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 146:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 66.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4; Conservative
                                                                                                                                                                                                                                                                              TOPOLOGY: unknown; MOLECULE TYPE: peptide US-08-433-318A-138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide
        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  unknown
                                                                                                                                                                                                                                                         amino acid
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Best Local Similarity
Matches 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 CANWVW 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 CENWEW 7
                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-433-318A-146
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
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JOS-08-433-318A-138

Sequence 138, Application US/08433318A

Patent No. 5663144

GENERAL INFORMATION:
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND
TITLE OF INVENTION: METHODS OF USING THE SAME
NUMBER OF SEQUENCES: 184

CORRESPONDENCE ADDRESS:
ADDRESSEE: No odcock washburn Kurtz Mackiewicz &
ADDRESSEE: No. 56631447is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STREET: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPOUNDS THAT BIND TO p185 AND METHODS OF USING THE SAME
TITLE OF INVENTION: USEFUL IN IMMUNOASSAY FOR TITLE OF INVENTION: DIAGNOSTIC PURPOSES NUMBER OF SEQUENCES: 193
CAPERSPONDENCE ADDRESS:
ADDRESSEE: MASON & ASSOCIATES, P.A. STREET 1757 U.S. HWY. 19 NORTH, SUITE 500 SITY: CLEARWATER STATE: FLORIDA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Mismatches
                                                                                                                                                                COMPUTER: FLOKELIA
COMPUTER: FLOKEN:
MEDIUM TYPE: Flokey disk
COMPUTER: Flokey disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 3.0
SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,915
FLING DATE: 22-SEP-1997
CLASSIFICATION DATA:
APPLICATION NUMBER: 07/949,836
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: LOUISE A. FOULCH
REGISTRATION NUMBER: 37,133
REFISCOMMUNICATION NUMBER: 1946.6
TELECOMMUNICATION INPORMATION:
TELEPHONE: 813-599-380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: WORDPERFECT 6
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/433,318A
FILLING DATE: 03-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 107:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC Compatibl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 WIQROTVLÓHSFNN 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 57.1
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 813-538-3820
TELEX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , MOLECULE TYPE: peptide US-08-934-915-107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
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Pred. No. 53;
0; Mismatches 2; Indels
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                                                                                               CURRENT AND STSTEM:
SOFTWARE: WORDPERFECT 6
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/922,048
FILING DATE:
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/433,318
FILING DATE: 03-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: MARK Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPN-2106
REGISTRATION NUMBER: UPN-2106
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-310
TELEFAX: (215) 568-310
TELEFAX: (215) 568-310
TELEFAX: (215) 568-310
TELEFAX: (215) 588-319
TELEFAX: (215) 588-319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Synthetic Sequence US-09-111-681C-154
                                                 MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          °,
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 66.7°,
4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 66.7
, Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: unknown; MOLECULE TYPE: peptide
US-08-922-048-146
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                  amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 CANWVW 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 CENWEW 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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                                                                                                   US-08-922-048-138

| Sequence 138, Application US/08922048
| Patent No. 5919764|
| Patent No. 5919764|
| TITLE OF INVENTION: OCHOOUNDS THAT BIND TO pl85 AND TITLE OF INVENTION: OCHOOUNDS THAT BIND TO pl85 AND TITLE OF INVENTION: METHODS OF USING THE SAME NUMBER OF SEQUENCES: 184
| CORRESPEDINGE ADDRESS: ADDRESSE: No. 5919764ris STREET: One Liberty Place - 46th Floor CITY: Philadelphia STATE: Phi STATE: PASS COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 146, Application US/08922048
Patent No. 5919764
GENERAL INFORMATION:
APPLICANT: Greene, Mark I.
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND TITLE OF SEQUENCES: 184
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSEE: No. 5919764ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: DISKETTE, 3.5 INCH
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: Windows
SOFTWARE: WORDPERPECT 6
CURRENT APPLICATION DATA:
APPLICATION WUMBER: US/08/922,048
FILING DATE:
CLASSIPRICATION:
PRIOR APPLICATION NUMBER: US 08/433,318
FILING DATE: 03-MAX-1995
ATTORNEY/AGENT INFORMATION:
NAME: MARK DELUCA
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPN-2106
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION (215) 569-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFRX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 138:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: unknown
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 CANWVW 6
                                 2 CENWEW 7
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 CANWVW
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US-08-922-048-146
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TOPOLOGY: unknown

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            Sequence 162, Application US/09111681C
| Patent No. 6417168
| Patent No. 6417168
| CENERAL INFORMATION:
| APPLICANT: Greene, Mark I.
| APPLICANT: Greene, Mark I.
| APPLICANT: Murali, Ramachandran
| APPLICANTON: Compositions And Methods Of Treating Tumors
| TITLE OF INVENTION: Compositions And Methods Of Treating Tumors
| FILE REFERENCE: UPN3458
| CURRENT FILING DATE: 1998-07-08
| PRIOR APPLICATION NUMBER: 60/076,788
| PRIOR FILING DATE: 1998-07-08
| PRIOR FILING DATE: 1998-03-04
| NUMBER OF SEQ ID NOS: 200
| SOFTWARE: PatentIn version 3.1
| SEQ ID NO 162
| LENGTH: 10
| TYPE: PRT
| ORGANISM: Attificial Sequence
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PCT-USS6-06270-138
Sequence 138, Application PC/TUS9606270
GENERAL INFORMATION:
APPLICANT: Green, Mark I.
APPLICANT: Chang, Xin
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND
TITLE OF INVENTION: ABTHODS OF USING THE SAME
STREET: MODGOCK Washburn Kurtz Mackiewicz & Norris
CITY: Philadelphia
STREET: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          28.6%; Score 34; DB 4; Length 10; 66.7%; Pred. No. 53; arive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/06270
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNTHER: US 08/433,318
FILING DATE: 03-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPN-2748
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (215) 568-3190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 66..7
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 CANWVW 6
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US-09-111-681C-162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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Sequence 76, Application US/10354240 Publication No. US20030185847A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                      (without alignments)
118.179 Million cell updates/sec
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                                                                                                                                                                                                                February 1, 2005, 07:47:50 ; Search time 61.1429 Seconds
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| CGT02 6/ptodata1/pubpaa/US07 PUBCOMB.pep:*
| CGT02 6/ptodata1/pubpaa/US06 NEW PUB.pep:*
| CGT02 6/ptodata1/pubpaa/US06 PUBCOMB.pep:*
| CGT02 6/ptodata1/pubpaa/US07 NEW PUB.pep:*
| CGT02 6/ptodata1/pubpaa/US07 NEW PUB.pep:*
| CGT02 6/ptodata1/pubpaa/US08 PUBCOMB.pep:*
| CGT02 6/ptodata1/pubpaa/US10 NEW PUB.pep:*
| CGT02 6/ptodata1/pubpaa/US10 NEW PUB.pep:*
| CGT02 6/ptodata1/pubpaa/US10 PUBCOMB.pep:*
| CGT02 6/ptodata1/pubpaa/US10 PUBCOMB.pep:*
| CGT02 6/ptodata1/pubpaa/US10 NEW PUB.pep:*
| CGT02 6/ptodata1/pubpaa/US60 NEW PUB.pep:*
| CGT02 6/ptodata1/pubpaa/US60 NEW PUB.pep:*
| CGT02 6/ptodata1/pubpaa/US60 NEW PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1608061 seqs, 361289386 residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Published Applications AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                            OM protein - protein search, using sw model
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1 DSFNNGAYFVSSGKNEGTNI 20
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                     US-09-202-464-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Minimum DB seq length: 0 Maximum DB seq length: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                   Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Searched:
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|---------------|-------|----------------|--------------------------|----|--------------------|-------------------|
| Result<br>No. | Score | Query<br>Match | Query<br>Match Length DB | DB | ID                 | Description       |
| 1             | 63    | 59.4           | 15                       | 14 | US-10-354-240-76   | Sequence 76, Appl |
| 7             | 9     | 56.6           | 15                       | 14 | US-10-354-240-75   |                   |
| m             | 51    | 48.1           | 20                       | 14 | US-10-354-240-12   | Sequence 12, Appl |
| 4             | 41    | 38.7           | 15                       | 14 | US-10-354-240-74   | _                 |
| S             | 37    | 34.9           | 80                       | σ  | US-09-962-445-15   | Sequence 15, Appl |
| 9             | 36    | 34.0           | 15                       | 14 | US-10-354-240-77   | Sequence 77, Appl |
| 7             | 36    | 34.0           | 20                       | 14 | US-10-216-484-41   | Sequence 41, Appl |
| ∞             | 36    | 34.0           | 20                       | 14 | US-10-384-933-41   | Sequence 41, Appl |
| 6             | 33    | 31.1           | 19                       | 14 | US-10-082-014-147  | 147               |
| 10            | 33    | 31.1           | 19                       | 14 | US-10-372-076-177  | 177               |
| 11            | 33    | 31.1           | 19                       | 16 | US-10-677-074-177  | 177               |
| 12            | 32    | 30.2           | 20                       | 10 | US-09-991-433-39   | 39,               |
| 13            | 32    | 30.2           | 20                       | 10 | US-09-880-748-3131 | Sequence 3131, Ap |
|               |       |                |                          |    |                    |                   |

| Sequence 3131, Ap<br>Sequence 37786, A<br>Sequence 314, App<br>Sequence 138, App<br>Sequence 137, App<br>Sequence 937, App | 4, 4, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,   |   |  |
|--|---|---|--|
| S-10-2<br>S-10-3<br>S-10-6<br>S-10-6   | US-09-839-666-4<br>4 US-10-234-579-4<br>4 US-10-372-735-46<br>4 US-10-225-567A-1734<br>4 US-10-226-007-1016<br>4 US-10-153-244-70 | 4 US-10-153-244-133<br>4 US-10-153-244-183<br>4 US-10-153-244-233<br>4 US-10-226-007-1030<br>4 US-10-226-007-1030<br>4 US-10-226-007-1031<br>4 US-10-226-007-1031<br>4 US-10-226-007-1031<br>4 US-10-226-007-1032<br>4 US-10-226-007-1032<br>4 US-10-226-007-1032<br>4 US-10-226-007-1033<br>4 US-10-226-007-1033<br>4 US-10-226-007-1020<br>4 US-10-226-007-1033<br>4 US-10-226-007-1033<br>4 US-10-226-007-1033<br>4 US-10-226-007-1033<br>4 US-10-226-007-1033<br>4 US-10-226-007-1033<br>4 US-10-226-007-1033<br>4 US-10-226-007-1033<br>4 US-10-226-007-1033<br>4 US-10-226-007-1033 | ALIGNMENTS                               |
| 20<br>18<br>20<br>10<br>10<br>10<br>11   |   |   |  |
| 88888  | 222222<br>222222  |   |  |
| 11<br>11<br>12<br>18<br>18   | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5   | 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 7. 17. 17. 17. 17. 17. 17. 17. 17. 17. 1 |

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APPLICANT: Sone, Akinori
APPLICANT: Sone, Akinori
APPLICANT: Sone, Akinori
APPLICANT: Dairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Iwama, Akiko
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise
FILE REFERENCE: SPO-103D1
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT APPLICATION NUMBER: PCT/UP97/00740
PRIOR FILING DATE: 1997-03-10
PRIOR FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PAGENTION NUMBER: US 09/142,524
SOFTWARE: PAGENTION NUMBER: 1998-09-09
LENGTH: 15
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            59.4%; Score 63; DB 14; Length 15; 86.7%; Pred. No. 0.011;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ); NAME/KEY: MISC_PEATURE
; LOCATION: (1)...(15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 62
US-10-354-240-76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 86.7
Matches 13; Conservative
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6 GAYFVSSGKNEGTNI 20

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Gaps

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2; Indels

0; Mismatches

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US-09-962-445-15
Sequence 15, Application US/09962445
Sequence 15, Application Wo. US20020192705A1
Sequence 15, Dublication No. US20020192705A1
Sequence 15, TOPER CONTROL OF The Control Expansion of T Cells of Unknown Specificity and Identific TITLE OF INVENTION: Ligand Recognized by the Clonally Expanded T Cells
TITLE OF INVENTION: US/09/962, 445
CURRENT APPLICATION NUMBER: 2001-12-28
CURRENT APPLICATION NUMBER: J001-12-28
PRIOR APPLICATION NUMBER: J001-12-28
PRIOR PRIOR FILING DATE: 2001-03-21
NUMBER: OF SEQ ID NOS: 15
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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Pred. No. 23;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; LOCATION: (1). (15)
J. OTHER INPOMMATION: Cryjl peptide, Figure 1, Row 60
US-10.354-240-74
                                                                                                                                                                                                                  ; Sequence 74, Application US/10354240; Publication No. US20030185847A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Japanese cedar pollen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      38.7%;
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Best Local Similarity 80.0
Matches 8; Conservative
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Matches 7; Conservative
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                                 1 SSGKNEGTNI 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 FUNGAYFV 10
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                                                                                                                                                                                    US-10-354-240-74
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                                         셤
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                                                                                                                                                                                                                                                                                                             APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Laman, Akinori
APPLICANT: Iwaman, Akinori
APPLICANT: Iwaman, Akinori
APPLICANT: Iwaman, Akinori
APPLICANT: Iwaman, Akinori
APPLICANT: Kohouke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT FILING DATE: 1997-03-10
PRIOR PAPLICATION NUMBER: US 09/142,524
PRIOR APPLICATION NUMBER: US 09/142,524
PRIOR PILING DATE: 1988-09-09
NUMBER OF SEQ ID NOS: 174
SEQ ID NOS: 174
SEQ ID NO 75
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APPLICANT: Dairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REPERBUCE: SPO-103D1
CURRENT APPLICATION NUMBER: US/10/354,240
PRIOR FILING DATE: 1997-03-10
PRIOR FILING DATE: 1997-03-10
PRIOR FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LOCATION: (1).7(15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 61
US-10-354-240-75
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Publication No. US20030185847A1
GENERAL INFORMATION:
                                                                                                                                                                             Sequence 75, Application US/10354240 Publication No. US20030185847A1 GENERAL INFORMATION:
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; ORGANISM: Cryptomeria japonica
US-10-354-240-12
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GAYFVSSGKYEGGNI 15
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Best Local Similarity 85.7'
Matches 12; Conservative
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Sequence 147, Application US/10082014
Publication No. US20030185858A1
GENERAL INFORMATION:
APPLICANT: Birkett, Ashley J.
TITLE OF INVERTION: 1MMUNGERIC HBC CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL C.
FILE REPERENCE: ICC-130.0 4564/85124
CURRENT APPLICATION NUMBER: US/10/082,014
CURRENT FILING DATE: 2002-02-22
PRIOR PILING DATE: 2001-08-15
PRIOR FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 290
SOFTWARE: Patentin version 3.1
SEQ ID NO 147
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Publication No. US20030198645A1
GENERAL INFORMATION:
APPLICANT: Friede, Mark
TITLE OF INVENTION: STABILIZED HBC CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR
TITLE OF INVENTION: CHRONIC HEPATITIS
FILE REFERENCE: 4564/87179
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                                                                                   GENERAL INFORMATION:

APPLICANT: Berizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Harahara, Kaori
APPLICANT: Tamaki, Ikuko
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG;
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR APPLICATION NUMBER: EABLIER APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2006-02-05
PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NOS: 165
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Pred. No. 4.8e+02;
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                        ; Sequence 41, Application US/10384933
; Publication No. US20030170817A1
; GENERAL INFORMATION:
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; ORGANISM: Neisseria meningitidis
US-10-082-014-147
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41.7%;
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Best Local Similarity 80.0
Matches 8; Conservative
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Matches 5; Conservative
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ORGANISM: Homo sapiens
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US-10-372-076-177
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                                                        GENERAL INFORMATION:
APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Mana, Akinori
APPLICANT: Iwana, Akiko
APPLICANT: Iwana, Akiko
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
TITLE OF INVENTION: Poptide-Based Immunotherapeutic Agent for Treating Allergic Disea
TITLE OF INVENTION: POTO-103D1
CURRENT FILING DATE: 2003-01-29
FRIOR APPLICATION NUMBER: US 09/142,524
PRIOR APPLICATION NUMBER: US 09/142,524
PRIOR APPLICATION NUMBER: US 09/142,524
SOFTWARE: Patentin version 3.1
SOFTWARE: Patentin version 3.1
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Pred. No. 1.3e+02;
0; Mismatches 2; Indels
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; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 63
US-10-354-240-77
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GENERAL INFURMATION:
APPLICANT: Gerizawa, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
ITLEO WINUNTION: Anti-Fas Antibodies
FITLE OF INVENTION: Anti-Fas Antibodies
FILE OF INVENTION: Anti-Fas Antibodies
FILE OF PREERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 41
                      Sequence 77, Application US/10354240 Publication No. US20030185847A1
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, Sequence 41, Application US/10216484
; Publication No. US20030103976A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Cryptomeria japonica
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80.0%;
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Best Local Similarity 80.0
Matches 8; Conservative
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Best Local Similarity
Matches 8; Conservat
-10-354-240-77
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 7; Conserv
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APPLICANT: Page, Mark
APPLICANT: Friede, Martin
APPLICANT: Friede, Martin
APPLICANT: Schmidt, Annette Elisabeth
TITLE OF INVENTION: CHRONIC HEPATITIS
FILE REFERENCE: 4564/87179
CURRENT APPLICATION NUMBER: US/10/677,074
CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 10/080,299
PRIOR FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 10/080,014
PRIOR FILING DATE: 2002-02-21
PRIOR FILING DATE: 2002-02-21
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Sequence 39, Application US/09991433
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
Broliden, Kristina
APPLICANT:
Westgren, Magnus
TITLE OF INVENTION: USE OF PARVOVIRUS CAPSID PARTICLES IN
TITLE OF INVENTION: THE INHIBITION OF CELL PROLIFERATION AND MIGRATION
FILE REFERENCE: TRIPEP.019CP1
CURRENT APPLICATION NUMBER: US/09/991,433
CURRENT FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: US 09/447,693
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Pred. No. 4.8e+02;
3; Mismatches 4; Indels
CURRENT APPLICATION NUMBER: US/10/372,076
                    CURRENT FILING DATE: 2003-02-21
PRIOR APPLICATION NUMBER: 10/080,299
PRIOR PILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 10/082,014
PRIOR PILING DATE: 2002-02-22
NUMBER OF SEQ ID NOS: 308
SOFTWARE: Patentin version 3.2
LENGTH: 19
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o. US20040156863A1
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SOFWARE: Patentin version 3.2
SEQ ID NO 177
LENGTH: 19
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Best Local Similarity 41.7%;
Matches 5; Conservative
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1 NYKNGGFFVQYG 12
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Matches 5; Conserv
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Sequence 3131, Application US/09880748

Publication No. US20030059937A1

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind BLyS

FILE REPREMENCE: PF23

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR PILING DATE: 2000-10-17

PRIOR PILING DATE: 2000-10-17

PRIOR PILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR PILING DATE: 2001-03-16

PRIOR PILING DATE: 2001-03-16

PRIOR PILING DATE: 2001-03-21

PRIOR PILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SEQ ID NO 3131
                                                                                                                                                                                                                                                                                                    , OTHER INFORMATION: Peptide fragments derived from parvovirus capsid US-09-991-433-39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3131, Application US/10293418
Publication No. US20030223996A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind BLyS
FILE REPERENCE: PF523P2
CURRENT APPLICATION NUMBER: US/10/293,418
CURRENT FILING DATE: 2002-11-27
PRIOR FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: 60/331,469
PRIOR FILING DATE: 2001-11-16
PRIOR FILING DATE: 2001-12-19
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Pred. No. 7.2e+02;
1; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                        30.2%; Score 32; DB 10; Length 20;
44.4%; Pred. No. 7.2e+02;
tive 2; Mismatches 8; Indels
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: SE 9804022-3
PRIOR FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 63
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 39
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 DSFNNGAYFVSSGKNEGT 18
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53.8%;
                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 44.44
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | | :| || || DRFWSGGYFHYSG 17
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OTHER INFORMATION: MAP TO ACO12513.2

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.7

OTHER INFORMATION: EXPRESSED IN HELLIOO, SIGNAL = 2.5

OTHER INFORMATION: EXPRESSED IN HERAT', SIGNAL = 2.7

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.6

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.5

OTHER INFORMATION: EXPRESSED IN HELAN, SIGNAL = 2.7

OTHER INFORMATION: EXPRESSED IN HELAN, SIGNAL = 2.5

OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.5

OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.5

OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.5

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.9

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.9

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.9

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 31; DB 9; Length 18;
Pred. No. 9.1e+02;
0; Mismatches 6; Indels
PRIOR FILING DATE: 2000-09-41
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 37786
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Search completed: February 1, 2005, 08:27:15
Job time : 62.1429 secs
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Best Local Similarity 53.8
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
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APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Hinael, David R.

APPLICANT: Hinael, David R.

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEPUL FOR TITLE REPERRINGE: ADMINISTRY OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID FROBES USEPUL FOR TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID FROBES USEPUL FOR TITLE OF INVENTION NUMBER: US 60/20312

PRIOR PLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR PLING DATE: 2000-05-27

PRIOR PLING DATE: 2001-13-00

PRIOR PLING DATE: 2001-01-30

PRIOR PLING DATE: 2001-01-30
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Pred. No. 7.2e+02;
; Mismatches 5; Indels
                                 PRIOR FILING DATE: 2001-06-15

PRIOR PELING DATE: 2001-06-15

PRIOR PELING DATE: 2001-05-25

PRIOR PILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR PILING DATE: 2001-03-21

PRIOR PELING DATE: 2001-03-16

PRIOR PILING DATE: 2001-03-16

PRIOR PILING DATE: 2000-10-17

PRIOR PILING DATE: 2000-10-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 37786; Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
           APPLICATION NUMBER: 09/880,748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          30.2%;
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Best Local Similarity 53.8
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-418-3131
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Sequence 1
Sequence 1
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Sequence
Sequence
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Sequence
Sequence
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APPLICANT: Griffeth, Irwin J.;
APPLICANT: Bond, Julian F.;
APPLICANT: Bond, Julian F.;
APPLICANT: Garman, Richard D;
APPLICANT: Yeung, Siu-mei H.;
APPLICANT: Yeung, Siu-mei H.;
APPLICANT: Exley, Mark A.;
APPLICANT: Exley, Mark A.;
APPLICANT: Brauer, Andrew;
APPLICANT: Andrew;
APPLICANT: Andrew;
APPLICANT: Jean Andrew;
APPLICANT: Andrew;
APPLICANT: Waltham
STARET: MA
COUNTRY: USA
ZIP. C.
  Sequence
                                                Sequence
                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: December 6, 1995
CLASSIFICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGRY INFORMATION:
NAME: Jane E. Remillard
REGISTRATION NUMBER: 025.6 USD2 (IMI-028CPD2)
TELECOMMUNICATION INFORMATION:
TELEFRAM: (617) 227-7400
TELEFRAM: (617) 227-5941
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHRACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: AMINORY INFORMATION: DEATH AND ACID NO: 100 AUTOR ACID
                 US-09-532-106-4
US-09-839-666-4
US-08-839-666-4
US-08-766-596A-12
US-08-618-656-19
US-09-613-597-236
US-09-613-597-236
US-09-480-884A-236
US-09-480-884A-236
US-09-480-884A-236
US-09-606-411B-236
US-09-606-411B-236
US-09-606-411B-236
US-09-831-500A-236
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MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 1
US-08-467-023-56
Sequence 56, Appl
Sequence 76, Appl
Sequence 12, Appl
Sequence 74, Appl
Sequence 57, Appl
Sequence 57, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 57, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 57, Appl
Sequence 58, Appl
Sequence 18, Appl
Sequence 8, Appli
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                                                                                                                                                             February 1, 2005, 07:38:44; Search time 18.4286 Seconds (without alignments) 71.973 Million cell updates/sec
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Sequence 17,
Sequence 127,
Sequence 4,
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Sequence 16,
Sequence 16,
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                    GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-467-023-56
US-09-142-5240-76
US-09-142-5240-75
US-09-142-5240-75
US-09-142-5240-74
US-08-467-023-55
US-09-142-5240-77
US-08-209-448A-54
US-08-209-448A-54
US-08-209-448A-54
US-08-467-023-57
US-08-467-023-57
US-08-467-023-57
US-08-467-023-57
US-08-467-023-57
US-08-467-023-57
US-08-467-023-57
US-08-479-28
US-09-290-136-8
US-09-290-136-8
US-08-493-235-31
US-08-475-985-16
US-08-475-985-16
US-08-256-839-16
US-08-256-839-17
US-08-256-833-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                      478139 seqs, 66318000 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                protein search, using sw model
                                                                                                                                                                                                                                                            US-09-202-464-33
106
1 DSFNNGAYFVSSGKNEGTNI 20
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Gapop 10.0 , Gapext 0.5
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Match Length
                                           Copyright
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seg length: 20
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Sequence:
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Maximum DB
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                                                                                                                                                                Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Result
No.
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APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise;
FILE REPERENCE: SPO-103
CURRENT APPLICATION NUMBER: US/09/142,524D
CURRENT APPLICATION NUMBER: 1998-09-09
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR FILING DATE: 1997-03-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disering RILE REFERENCE: SPO-103
CURRENT APPLICATION NUMBER: US/09/142,524D
CURRENT FILING DATE: 1998-09-09
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                                                                             Length 15;
                                                                                                                       Indels
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; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 61
US-09-142-524D-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LOCATION: (1). (15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 60
US-09-142-524D-74
                                                                           DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
48.1%; Score 51; DB 4;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 10; Conservative 0; Mismatches
                                                                                                                       0; Mismatches
                                                                           Score 60;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR FILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 74
LENGTH: 15
                                                                                                                                                                                                                                                                                                        US-09-142-524D-12; Sequence 12, Application US/09142524D; Patent No. 6719976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 74, Application US/09142524D Patent No. 6719976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                        Query Match
Best Local Similarity 85.7%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
                                                                                                                                                                  1 DSFNNGAYFVSSGK 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Dairiki, Kazuo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kazuo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Iwama, Akiko
Kino, Kohsuke
                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Sone, Toshio APPLICANT: Kume, Akinori
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Dairiki, Kazu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 SSGKNEGTNI 10
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                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION
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US-09-142-524D-74
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LENGTH: 20
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APPLICANT:
APPLICANT:
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APPLICANT: Bairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REFERENCE: SPO-103
CURRENT PEPLICATION NUMBER: US/09/142,524D
CURRENT PELING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR PILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Daintk, Kazuo
APPLICANT: Iwama, Akiko
APPLICANT: Kafno, Kohauke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REFERENCE: SPO-103
CURRENT APPLICATION NUMBER: US/09/142,524D
CURRENT APPLICATION NUMBER: PCT/JP97/00740
PRIOR FILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SEQ TRANKE: Patentin version 3.1
SEQ ID NO 75
LENGTH: 15
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                                                      Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ch 59.4%; Score 63; DB 4; Length 15; 1 Similarity 86.7%; Pred. No. 0.0031; 13; Conservative 0; Mismatches 2; Indels
                                                                                              4; Indels
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COTHER INFORMATION: Cryjl peptide, Figure 1, Row 62
US-09-142-524D-76
                                               Query Match 72.6%; Score 77; DB 3; I Best Local Similarity 80.0%; Pred. No. 3.4e-05; Matches 16; Conservative 0; Mismatches 4.
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                                                                                                                                                                                                                                                                                                 Sequence 76, Application US/09142524D Patent No. 6719976
                                                                                                                                          1 DSFNNGAYFVSSGKNEGTNI 20
                                                                                                                                                                                     1 DVFYNGAYFVSSGKYEGGNI 20
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ORGANISM: Cryptomeria japonica
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ORGANISM: Cryptomeria japonica
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APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
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Best Local Similarity
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US-09-142-524D-75
    US-08-467-023-56
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APPLICANT: Internative Kazuo
APPLICANT: Vamana, Aktkoo
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dises
FILE REFERENCE: SPO-103
CURRENT APPLICATION NUMBER: US/09/142,524D
CURRENT FILING DATE: 1998-09-09
PRIOR PILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 77
LENGTH. 17
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Patent No. 56/6554

GENERAL INFORMATION:
APPLICANT: Rogers, Bruce
APPLICANT: Riapper, David G.
APPLICANT: Klapper, Thorunn
APPLICANT: Kuo, Mei-chang
TITLE OF INVENTION: Allergenic Proteins From Ragweed and Uses
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHIVE & COCKFIELD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 36; DB 4; Length 15;
Pred. No. 37;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; LOCATION: (1). (15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 63
US-09-142-524D-77
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FILING DATE: August 15, 1994
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 07/529,951
FILING DATE: May 29, 1990
APPLICATION NUMBER: US 07/325,365
FILING DATE: March 17, 1989
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: IMI-018CN
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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60 State Street, suite 510
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INFORMATION FOR SEQ ID NO: 54:
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ORGANISM: Cryptomeria japonica
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80.0%;
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Best Local Similarity 80.0
Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: MISC_FEATURE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Pollock, Joanne;
APPLICANT: Bond, Julian F.;
APPLICANT: Garman, Richard D;
APPLICANT: Garman, Richard D;
APPLICANT: Yeung, Siu-mei H.;
APPLICANT: Yeung, Siu-mei H.;
APPLICANT: Brauer, Andrew;
APPLICANT: Brauer, Andrew;
APPLICANT: Powers, Steven P.
TITLE OF INVENTION: Allergenic Proteins And Peptides From TITLE OF INVENTION: Japanese Cedar Pollen
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
38.7%; Score 41; DB 4; Length 15; 80.0%; Pred. No. 6.5; tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 3; Length 20;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: June 6, 1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Jane E. Remillard
REGISTRATION NUMBER: 38,872
REFERENCE/DOCKET NUMBER: 025.6 USD2 (IMI-028CPD2)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-540
INFORMATION FOR SEQ ID NO: 55: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: ImmuLogic Pharmaceutical Corporation, 610 Lincoln St
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 41; DB:
Pred. No. 8.9;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                 US-08-467-023-55
; Sequence 55, Application US/08467023
; Patent No. 6090386
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                      Griffeth, Irwin J.;
Pollock, Joanne;
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80.0%;
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TYPE: amino acid
TOPOLOGY: linear
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Best Local Similarity 80.0
Matches 8; Conservative
                                                                    Conservative
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// FRAGMENT TYPE: internal
US-08-467-023-55
                                                                                                                           1 DSFNNGAYFV 10
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                                                                                                                                                                                            6 DVFYNGAYFV 15
      Query Match
Best Local Similarity
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STREET: OLU
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US-09-142-524D-77
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RESULT 10
US-08-175-069A-54
; Sequence 54, Application US/08175069A
; Patent No. 5776761
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Query Match
Best Local Similarity 77.8
Matches 7; Conservative
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FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Boston
STATE: Massachusetts
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GY: linear
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APPLICANT:
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APPLICANT:
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APPLICANT: Ragper, David G.
APPLICANT: Rafnar, Thorunn
APPLICANT: Rafnar, Allergenic Proteins From Ragweed and Uses
NUMBER OF SEQUENCES: 93
CORRESSED: LAHIVE & COCKFIELD
STREE: Massachusetts
COUNTX: Boston
CITY: Boston
CI
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                                                                                                                                                                                                                                                                 Score 36; DB 1; Length 20;
Pred. No. 50;
1; Mismatches 1; Indels
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APPLICATION NUMBER: US 07/325,365
FILING DATE: March 17, 1989
ATTORNEY AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: IMI-018CN
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAX: (617)227-7400
TELEFRAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 54:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 54, Application US/08290448A Patent No. 5698204 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                        34.0%;
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LENGTH: 20 amino acids
TYPE: amino acid
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Best Local Similarity 77.8
Matches 7; Conservative
          SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 77.8
Matches 7; Conservative
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FRAGMENT TYPE: internal
                                                                                                                                     MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5 NGAYFVSSG 13
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                                                                                                                                                                                                                                                                                                                                                                                                          5 NGAYFVSSG 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3 NGAIFVASG 11
                                     LENGTH: 20 amino
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-290-448A-54
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US-08-290-448A-54
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Gaps
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GENERAL INFORMATION:
APPLICANT: Rogers, Bruce
APPLICANT: Klapper, David G.
APPLICANT: Rannar, Thorunn
APPLICANT: Ruo, Mei-chang
TITLE OF INVENTION: Allergenic Proteins From Ragweed and Uses
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSER: LAHIVE & COCKFIELD, LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Allergenic Proteins And Peptides From
Japanese Cedar Pollen
261
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Pred. No. 50;
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                                                                                                                                                                                                                                                                                                              SIALE: MASACHINELLS
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/175,069A
FILING DATE: December 29, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/529,951
FILING DATE: Max 29, 1990
APPLICATION NUMBER: US 07/325,365
FILING DATE: March 17, 1989
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras
REFERENCI/POCKET NUMBER: 36,207
RELEFAX: (617)227-5441
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 57, Application US/08467023
Patent No. 6090386
GENERAL INFORMATION:
APPLICANT: Griffeth, Irwin J.;
APPLICANT: Pollock, Joanne;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bond, Julian F.;
Garman, Richard D;
Kuo, Mei-Chang;
Yeung, Siu-mei H.;
Brauer, Andrew;
Exley, Mark Ab.;
Powere, Steven P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Griffeth, Irwin J.;
Pollock, Joanne;
Bond, Julian F.;
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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Gaps
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APPLICANT: Klapper, David G.
APPLICANT: Rafnar, Thorunn
APPLICANT: Rafnar, Thorunn
APPLICANT: Kuo, Mel-chang
TITLE OF INVENTION: Allergenic Peptides from Ragweed Pollen
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSES: LAHIVE & COCKPIELD, LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 20;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATURE: TBM PC Compatible
OPERATURE: PATEMI: PC-DOS/MS-DOS
SOFTWARE: PATEMIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,000
FILING DATE: 05-JUN-1995
PRIOR APPLICATION NUMBER: US 08/290,448
FILING DATE: 15-AUG-1994
APPLICATION NUMBER: US 07/529,951
FILING DATE: 29-MAY-1990
APPLICATION NUMBER: US 07/325,365
FILING DATE: 17-MAR-1990
APPLICATION NUMBER: US 07/325,365
FILING DATE: 17-MAR-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
     FILING DATE: 05-JUN-1995
APPLICATION NUMBER: US 08/290,448
FILING DATE: 12-AUG-1994
APPLICATION NUMBER: US 07/529,951
FILING DATE: 29-MAY-1990
APPLICATION NUMBER: US 07/325,365
FILING DATE: 17-MAR-1999
ATTORNEY,AGENT INFORMATION:
NAME: AMY E. MANDRAREN: 18,207
REFERENCE,DOCKET NUMBER: 1MI-018CNDV
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
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REFERENCE/DOCKET NUMBER: IMI-018CNZ
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEPAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 54:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 54, Application US/08464000 Patent No. 6335020 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                 TELEFAX: (617)742-4213
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 77.8%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Amy E. Mandragourae
REGISTRATION NUMBER: 36,2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5 NGAYFVSSG 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 NGAIFVASG 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 02109-1875
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-461-939B-54
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Patent No. 6335019
GENERAL INFORMATION:
APPLICANT: Rogers, Bruce
APPLICANT: Rafper, David G.
APPLICANT: Rafnar, Thorunn
APPLICANT: Rafnar, Thorunn
APPLICANT: Rafnar, Thorunn
APPLICANT: Refinar, Thorunn
APPLICANT: Ruo, Mei-chang
TITLE OF INVENTION: Methods For Treating Sensitivity To A
TITLE OF INVENTION: Protein Allergen Using Peptides Which Inlcude A T Cell Epitope
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
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CORRESPONDENCE ADDRESS:
ADDRESSEE: ImmuLogic Pharmaceutical Corporation, Inc.
STREET: 610 Lincoln St
CITY: Waltham
                                                                                                                                                                                                WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: June 6, 1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGENT INFORMATION:
NAMME: Jane B. Remillard
REGISTRATION NUMBER: 025.6 USD2 (IMI-028CPD2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEPHONE: (617) 227-5941
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
TENTAL COMMUNICATION:
TELEPHONE: 0617 227-5941
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         025.6 USD2 (IMI-028CPD2)
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ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/461,939B
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STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
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APPLICATION NUMBER: US 08/464,000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 80.0
Matches 8; Conservative
                                                                                                                                                           ZIP: 02154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 9.
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11 SSGKNEGTNI 20
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                                                                                                                                   USA
                                                                                                         STATE: MA
COUNTRY: US
ZIP: 02154
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SEQ ID NO 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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Remaining Frior Application data removed - See File Wrapper or PALM.
WUMBER OF SEQ ID NOS: 2578
SOFTWARE: PastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
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50;
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ORGANISM: Orthohepadnaviridae hepatitis B virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2; Mismatches
                                                                                                                                                                                                                                    1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 1999-01-27
PRIOR APPLICATION NUMBER: US 09/189,702
PRIOR PELING DATE: 1998-11-10
PRIOR PELING DATE: 1998-11-10
PRIOR PELING DATE: 1997-11-25
PRIOR APPLICATION NUMBER: US 08/820,360
PRIOR APPLICATION NUMBER: US 60/013,363
PRIOR FILING DATE: 1997-03-13
PRIOR FILING DATE: 1996-03-13
PRIOR PELING DATE: 1996-03-13
PRIOR PELING DATE: 1996-03-13
PRIOR PELING DATE: 1996-03-13
PRIOR APPLICATION NUMBER: US 08/347,610
PRIOR APPLICATION NUMBER: US 08/347,610
PRIOR PILING DATE: 1994-12-01
PRIOR PELING DATE: 1994-12-01
PRIOR PELING DATE: 1994-11-23
PRIOR PELING DATE: 1994-107-21
                                                                                                                                                                                       Query Match 34.0%; Score 36; Best Local Similarity 77.8%; Pred. No. 9 Matches 7; Conservative 1; Mismatcl
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2100, Application US/09239043D Patent No. 6689363 GENERAL INFORMATION:
APPLICANT: Sette, Alessandro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Livingston, Brian D.
Celis, Esteban
Kubo, Ralph T.
Grey, Howard M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     33.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sidney, John
Southwood, Scott
Vitiello, Maria A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6 GAYFVSSGKNEGT 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Chesnut, Robert
Epimmune Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                         20 amino acids
SEQUENCE CHARACTERISTICS LENGTH: 20 amino acid
                                                                                        MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                         5 NGAYFVSSG 13
                                                                                                                                                                                                                                                                                                                     3 NGAIFVASG 11
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Best Local Similarity
Matches 6; Conserv
                                             amino acid
GY: linear
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US-09-239-043D-2100
                                                                 TOPOLOGY:
                                                                                                                                               US-08-464-000-54
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APPLICANT:
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GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: FISCHETTI, Vincent A.

APPLICANT: SCHNEEWIND, Olaf

TITLE OF INVENTION: THE SURFACE OF GRAM POSITIVE BACTERIA

FILE REFERENCE: 016921-076

CURRENT APPLICATION NUMBER: US 07/522,440

PRIOR APPLICATION NUMBER: US 07/522,440

PRIOR APPLICATION NUMBER: US 07/42,199

PRIOR PILING DATE: 1991-08-05

PRIOR PILING DATE: 1991-08-05

PRIOR PELING DATE: 1991-12-23

PRIOR PELING DATE: 1991-12-23

PRIOR FILING DATE: 1991-12-23

PRIOR PELING DATE: 1991-08-05

PRIOR PELING DATE: 1993-03-13

PRIOR PELING DATE: 1991-08-05

PRIOR PELING DATE: 1993-03-13
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Pred. No. 67;
2; Mismatches 5; Indels
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46.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Hepatitis, pre S(2) US-08-302-756E-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match
Best Local Similarity 46.2
Best Local Similarity 6.2
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Search completed: February 1, 2005, 07:52:27 Job time : 19.4286 secs

1 GLYFPAGGSSSGT 13

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February 1, 2005, 07:47:50 ; Search time 61.1429 Seconds (without alignments) 118.179 Million cell updates/sec
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6/prodata/1/pubpaa/USO7_NEW PUB.pep:*
6/prodata/1/pubpaa/PCTUS_PUBGOMB.pep:*
6/prodata/1/pubpaa/USO8_NEW_PUB.pep:*
6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*
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/ptodata/1/pubpaa/US06_NEW_PUB.pep:
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GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd.
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/cgn2_6/ptodata/1/pubpaa/PCT
/cgn2_6/ptodata/1/mubpaa/PCT
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                      - protein search, using sw model
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1 SSGKNEGTNIYNNNEAFKVE 20
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Gapop 10.0 , Gapext 0.5
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                            Copyright
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Maximum DB seq length: 20
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

## Sequence 41, Appl Sequence 78, Appl Sequence 76, Appl Sequence 76, Appl Sequence 13, Appl Sequence 18, Appl Sequence 68, Appl Sequence 68, Appl Sequence 480, Appl Sequence 47, Appl Sequence 47, Appl Sequence 480, Appl Sequence 1 Sequence 4 Description US-10-354-240-12 US-10-216-484-41 US-10-384-933-41 US-10-354-240-78 US-10-354-240-76 US-10-354-240-76 US-10-354-240-76 US-10-3642-43 US-10-398-279-18 US-09-940-7278-68 US-09-998-279-21 US-10-327-598-480 US-09-975-132A-4 DB Query Match Length Score Result

| ~         | 13,              | 20,               | 161,              | 101                | 6               | 1017,  | 1030,   | 1018,    | 1031,              |                    | 1019,     | 1032, | 1045,  | 1058,              | 8, App          | 1020, | 1033, | 104 | 1059,              | 1072,              | 22      | 9        | 8       | 2,0        | 9 10             | 9                  | 9 10               | è                  | e 100     | Sequence 1073, Ap  | 9 70               |
|-----------|------------------|-------------------|-------------------|--------------------|-----------------|--------|---------|----------|--------------------|--------------------|-----------|-------|--------|--------------------|-----------------|-------|-------|-----|--------------------|--------------------|---------|----------|---------|------------|------------------|--------------------|--------------------|--------------------|-----------|--------------------|--------------------|
| -10-354-2 | US-10-146-305-13 | US-10-365-761B-20 | US-09-954-385-161 | US-10-226-007-1016 | US-10-469-145-9 | 10-226 | 10-226- | -10-226- | US-10-226-007-1031 | US-10-226-007-1044 | -10 - 226 | -01   | 10-226 | US-10-226-007-1058 | US-10-268-501-8 | -01   | -10-  | 10- | US-10-226-007-1059 | US-10-226-007-1072 | -10-418 | -10-608- | -10-719 | -10-823-25 | US-10-823-253-10 | US-10-226-007-1021 | US-10-226-007-1034 | US-10-226-007-1047 | 0-226-007 | US-10-226-007-1073 | US-10-226-007-1085 |
| 7         | 13               | Н                 | ч                 | ٦                  |                 | Ä      | H       | -        | H                  | 14                 | -         | -     | 14     | -                  | -               | -     | 14    | 7   | 14                 | Н                  | Н       | 15       | ٦       | -          | Н                | 14                 | Н                  | Ä                  | 14        | 14                 | 14                 |
| 15        | 17               | σ                 | 12                | 13                 | 13              | 14     | 14      | 15       | 15                 | 15                 | 16        | 16    | 16     | 16                 | 17              | 17    | 17    | 17  | 17                 | 17                 | 17      | 17       | 17      | 17         | 17               | 18                 | 18                 | 18                 | 18        | 18                 | 18                 |
| 29.5      | 29.5             | æ                 | 8                 | 7                  | 7               | 7      | ۲.      |          |                    | 27.6               |           |       |        |                    |                 |       |       |     | 27.6               |                    | 27.6    | 27.6     |         |            |                  |                    |                    | ٠                  |           | 27.6               | 27.6               |
| 31        | 31               | 30                | 30                | 29                 | 29              | 53     | 53      | 53       | 53                 | 59                 | 53        | 59    | 59     | 29                 | 53              | 53    | 53    | 53  | 53                 | 53                 | 53      | 53       | 29      | 53         | 53               | 53                 | 53                 | 53                 | 53        | 53                 | 29                 |
| 14        | 15               | 16                | 17                | 18                 | 19              | 20     | 21      | 22       | 23                 | 24                 | 25        | 56    | 27     | 28                 | 29              | 30    | 31    | 32  | 33                 | 34                 | 35      | 36       | 37      | 38         | 39               | 40                 | 41                 | 42                 | 43        | 44                 | 45                 |

## ALIGNMENTS

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Sequence 12, Application US/10354240

Sequence 12, Application US/10354240

Publication No. US20030185847A1

GENERAL INFORMATION:

APPLICANT: Sone, Toshio

APPLICANT: Mama, Akinori

APPLICANT: Dairiki, Kazuo

APPLICANT: Mama, Akiko

TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise

FILE REFERENCE: SPO-103D1

CURRENT APPLICATION NUMBER: US/10/354,240

CURRENT APPLICATION NUMBER: US/10/354,240

CURRENT FILING DATE: 2003-01-29

PRIOR APPLICATION NUMBER: US/0740

PRIOR PLING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: US 09/142,524

PRIOR FILING DATE: 1998-09-09

NUMBER OF SEQ ID NOS: 174

SEQ ID NO 12

LENGTH: 20
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100.0%; Pred. No. 3.5e-09;
iive 0; Mismatches 0;
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ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.
Matches 20; Conservative
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RESULT 2

SSGKNEGTNIYNNNEAFKVE 20

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Dairiki, Kazuo

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Sequence 41, Application US/10384933
Publication No. US20030170817A1

GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Takahashi, Tohru
TILE OF INVENTION: Anti-Fas Antibodies
TITLE OF INVENTION: Anti-Fas (S) 40/394, 933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/10/384, 933
CURRENT FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US/09/499, 662
PRIOR APPLICATION NUMBER: US/09/499, 662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499, 662

PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

LENGTH: 20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499, 662

BRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499, 662
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6; Indels
                                                                                                       GENERAL INFORMATION:

APPLICANT: Serizawa, No. US20030103976Alufusa

APPLICANT: Haruyama, Hideyuki

APPLICANT: Tamaki, Ikuko

APPLICANT: Tamaki, Ikuko

APPLICANT: Takahashi, Tohru

TITLE OP INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIPHG

CURRENT APPLICATION NUMBER: US/10/216,484

CURRENT FILING DATE: 2002-08-09

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: 2000-02-09

PRIOR FILING DATE: 1998-04-01

NUMBER: OF SEQ ID NOS: 165

SEQ ID NO 41

LENGTH: 20
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                        Sequence 41, Application US/10216484 Publication No. US20030103976A1 GENERAL INFORMATION:
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Best Local Similarity 70.0%;
Matches 14; Conservative
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US-10-384-933-41
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US-10-216-484-41
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TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dissering Reference: SPO-103D1
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT FILING DATE: 2003-01-29
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR FILING DATE: 1997-03-10
PRIOR FILING DATE: 1997-03-10
PRIOR FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 78
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise
FILE REFERENCE: SPO-103D1
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT APPLICATION NUMBER: DC1.29
PRIOR PRILIG DATE: 1997-03-10
PRIOR FILING DATE: 1999-03-10
PRIOR FILING DATE: 1999-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 77
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; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 64
(MS-10-354-240-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: (1). (15)
OTHER INFORMATION: Cryjl peptide, Figure 1, Row
                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 77, Application US/10354240; Publication No. US20030185847A1; GENERAL INFORMATION:
APPLICANT: Sone, Toshio; APPLICANT: Kume, Akinori
                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Cryptomeria japonica
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Best Local Similarity 66.7%
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Iwama, Akiko
Kino, Kohsuke
                                                                                                                                                                                                                                                                                                                            NAME/KEY: MISC FEATURE
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Best Local Similarity
Matches 10; Conserv
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RESULT 6

US-10-354-240-78
; Sequence 78, Application US/10354240
; Publication No. US20030185847A1
; GENERAL INFORMATION:

, APPLICANT: Sone, Toshio

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APPLICANT: XIE, YI
TITLE OF INVENTION: HUMAN HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN 32.01 AND POLYNUCL
TITLE OF INVENTION: ENCODING THE SAME
FILE OF INVENTION: ENCODING THE SAME
FILE OF INVENTION: ENCODING THE SAME
FILE OF INVENTION: ENCODING THE SAME
CURRENT APPLICATION NUMBER: US/10/363,941
CURRENT FILING DATE: 2003-03-03
PRIOR APPLICATION NUMBER: PCT/CN01/01334
PRIOR PLING DATE: 2000-10-07
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 7
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Pred. No. 3.1e+02;
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Publication No. US20030077793A1

GENERAL INPORMATION:

APPLICANT: Landry, Donald W

TITLE OF INVENTION: ANTI-COCAINE CATALYTIC ANTIBODY
FILE REFERENCE: 0575/51400-B

CURRENT APPLICATION NUMBER: US/09/940,727B

CURRENT FILING DATE: 2002-09-04
                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: partial sequence of SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 18, Application US/09998279
Sequence 18, Application US/09998279
Sequence 18, Application US/09998279
GENERAL INFORMATION:
APPLICANT: GRACIA, MIGUES M.
APPLICANT: GRACIA, MIGUES M.
APPLICANT: MIKIRE, DAVID F.
APPLICANT: WILLIAMS, PAUL
TITLE OF INVENTION: GINS
FILE REFERENCE: GMS0081
CURRENT APPLICATION NUMBER: US/09/998,279
CURRENT APPLICATION NUMBER: US/09/998,279
CURRENT FILING DATE: 2001-11-30
PRIOR FILING DATE: 2000-11-30
NUMBER OF SEQ ID NOS: 26
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FASESEQ FOR Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Prophyromonas gingivalis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 40.0%;
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 35.7
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 10
US-09-940-727B-68
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                                                                                                                                                                                                                                                                                LENGTH: 15
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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                                                     APPLICANT: Sone, Toshio
APPLICANT: Sone, Toshio
APPLICANT: Sone, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REFERENCE: SPO-103D1
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT APPLICATION NUMBER: ET/JP97/00740
PRIOR FILING DATE: 1997-03-10
PRIOR FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 76
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; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 62
US-10-354-240-76
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APPLICANT: Chen, Yuching
APPLICANT: Andrews, Dawn
APPLICANT: Celltech R&D, Inc.
TITLE OF INVENTION: Modulating Immune Responses
FILE REPERENCE: 1427,008US1
CURRENT APPLICATION NUMBER: US/10/719,642
CURRENT FILING DATE: 2003-11-21
NUMBER OF SEQ ID NOS: 99
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 34; DB 16;
Pred. No. 1.5e+06;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    34.3%; Score 36;
80.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 43, Application US/10719642
Publication No. US20040185040A1
GENERAL INFORMATION:
76, Application US/10354240 ion No. US20030185847A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Oryctolagus cuniculus US-10-719-642-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       32.4%;
83.3%;
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Best Local Similarity 80.u-
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Best Local Similarity 83.3
Matches 5; Conservative
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2 NVYNNN 7
                                     GENERAL INFORMATION
  Sequence 76, Ap
Publication No.
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US-10-363-941-7
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Gaps

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US-10-35-420-79

i Sequence 79, Application US/10354240

i Sequence 79, Application US/10354240

i Publication No. US20030185847A1

i GENERAL INFORMATION:

APPLICANT: Sone, Toshio

APPLICANT: Kume, Akinori

APPLICANT: Wama, Akinori

APPLICANT: Wino, Kohauke

ITILE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise.

FILE REFERENCE: SPO-103D1

CURRENT APPLICATION NUMBER: US/10/354,240

CURRENT PILING DATE: 1997-03-10

PRIOR FILING DATE: 1997-03-10

PRIOR FILING DATE: 1998-09

NUMBER OF SEQ ID NOS: 174

SEQ ID NO 79

LENGTH: 15

LENGTH: 15
                                                                                                                                                                                                .
                                                                                                                                                                                                                                                                                                                                                                       Sequence 4, Application US/09975132A;
Sequence 4, Application US/09975132A;
Publication No. US20020182672A1;
GENERAL INFORMATION:
APPLICANT: KOlkman, Marc
TITLE OF INVENTION: Enhanced Secretion of a Polypeptide by a TITLE OF INVENTION: Microorganism;
FILE REFERENCE: GC636-200-10-09
CURRENT FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: US 60/239,531
PRIOR PLING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 15;
                                                                                                                                                   DB 16; Length 17; 4.7e+02;
                                                                                                                                                                                             1; Indels
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                                                                                                                                                                                             2; Mismatches
                                                                                                                                                     Score 32;
Pred. No. 4
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US-09-975-132A-4
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ORGANISM: Cryptomeria japonica
  SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                     30.5%;
62.5%;
                                                                                  , ORGANISM: canis familiaris;
US-10-327-598-480
                                                                                                                                              30.5
Best Local Similarity 62.5
Matches 5; Conservative
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3 RGDGTNIY 10
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                      SEQ ID NO 480
LENGTH: 17
                                                                TYPE: PRT
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APPLICANT: Krah, Eugene
APPLICANT: Guo, Honliang
APPLICANT: Guo, Honliang
APPLICANT: Guo, Honliang
APPLICANT: Guy, Bobert
TITLE OF INVENTION: Canine Immunoglobulin Variable Domains, Caninized Antibodies, and
TITLE OF INVENTION: for Making and Using Them
TITLE OF INVENTION: Low Making and Using Them
TITLE REPERENCE: 01-799-A
CURRENT APPLICATION NUMBER: US/10/327,598
CURRENT FILING DATE: 2002-12-20
PRIOR FILING DATE: 2001-12-21
NUMBER OF SEQ ID NOS: 1139
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Pred. No. 3.3e+02;
1; Mismatches 8; Indels
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Publication No. US20030083287A1
GERERAL INFORMATION:
GERERAL INFORMATION:
APPLICANT: BURGESS NICOLA A.
APPLICANT: BURGESS NICOLA A.
APPLICANT: KIRKE, DAVID F.
APPLICANT: WILLIAMS, PAUL
TITLE OF INVENTION: gins
FILE REFERENCE: GMS-0081
CURRENT APPLICATION NUMBER: US/09/998,279
CURRENT FILING DATE: 2001-11-30
PRIOR FILING DATE: 2000-11-30
NUMBER OF SEQ ID NOS: 26
SOFTWARR: FastSEQ for Windows Version 4.0
SEQ ID NO 21
LENGTH: 19
               PRIOR FILING DATE: 1998-12-28
PRIOR APPLICATION WUMBER: PCT/US97/10965
PRIOR FILING DATE: 1997-06-25
PRIOR PPLICATION WUMBER: 08/672,345
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEQ ID NOS: 121
SEQ ID NO 68
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Publication No. US20040181039A1
GENERAL INFORMATION:
PRIOR APPLICATION NUMBER: 09/214,095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Porphyromonas gingivalis
US-09-998-279-21
                                                                                                                                                                                                                                                                                                      31.4%;
                                                                                                                                                                                                                                                                                                                                                                                       3 GKNEGTNIYNNNEAFK 18
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Best Local Similarity 43.84
Matches 7; Conservative
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; ORGANISM: mouse
US-09-940-727B-68
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US-10-327-598-480
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RESULT 15
US-10-146-305-13
US-10-146-305-13
i Sequence 13, Application US/10146305
i Publication No. US2020173035A1
i GENERAL INFORMATION:
APPLICANT: YUHAN CORPORATION:
ITILE OF INVENTION: A VARIABLE REGION OF THE MONOCLONAL ANTIBODY AGAINST THE HBV
ITILE BEFERENCE: OVI-7440
i CURRENT APPLICATION NUMBER: US/10/146,305
i CURRENT FILING DATE: 2002-05-15
i PRIOR PRILING DATE: 2001-05-16
i NUMBER OF SEQ ID NOS: 14
i SEQ ID NO 13
i LENGTH: 17
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                                                                                                          Query Match 29.5%; Score 31; DB 14; Length 15; Best Local Similarity 60.0%; Pred. No. 5.8e+02; Matches 6; Conservative 0; Mismatches 4; Indels
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; NAME/KEY: MISC_FEATURE
; LOCATION: (1)..(15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 65
US-10-354-20-79
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ORGANISM: Escherichia coli
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APPLICANT: Pollock, Joanne;
APPLICANT: Pollock, Joanne;
APPLICANT: Bond, Julian F.;
APPLICANT: Bond, Julian F.;
APPLICANT: Garman, Richard D;
APPLICANT: Yeung, Sin-mei H.;
APPLICANT: Yeung, Sin-mei H.;
APPLICANT: Extey, Mark A.;
APPLICANT: Extey, Mark A.;
APPLICANT: Powers, Steven P.
TITLE OF INVENTION: Allergenic Pr
TITLE OF INVENTION: Japanese Ceda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 57, Application US/08467023 Patent No. 6090386 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SSGKNEGTNIYNNNEAFKVE 20
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US-09-142-524D-12
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Best Local Similarity
Matches 20; Conserva
RESULT 1
US-09-142-524D-12
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US-08-467-023-57
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LENGTH: 20
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18, Appl
1211, Ap
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                                                                                                                      February 1, 2005, 07:38:44; Search time 18.4286 Seconds (without alignments) 71.973 Million cell updates/sec
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Sequence 1
Sequence 1
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'cgn2_6/ptodata1/iaa/5A_COMB.pep:*
'cgn2_6/ptodata1/liaa/5B_COMB.pep:*
'cgn2_6/ptodata1/liaa/6A_COMB.pep:*
'cgn2_6/ptodata1/liaa/6B_COMB.pep:*
'cgn2_6/ptodata1/liaa/CTUS_COMB.pep:*
'cgn2_6/ptodata1/liaa/PCTUS_COMB.pep:*
'cgn2_6/ptodata1/liaa/pcTUS_COMB.pep:*
               GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-142-524D-12
US-08-467-023-57
US-09-142-524D-78
US-09-142-524D-77
US-09-142-524D-76
US-08-467-023-56
US-08-467-033-56
US-08-475-989-16
US-08-476-1721A-51
US-08-485-246A-51
US-08-127-721A-51
                                                                                                                                                                                                                                                                                                                                                                            Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                        478139 segs, 66318000 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                           sw model
                                                                                                                                                                                                    US-09-202-464-34
105
1 SSGKNEGTNIYNNNEAFKVE 20
                                                                                                                                                                                                                                                                                 BLOSUM62
Gapop 10.0 , Gapext 0.5
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                                                                                         - protein search, using
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Match Length
                                                                                                                                                                                                                                                                                                                                                                                                                    seq length: 0 seq length: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Title:
Perfect score:
                                                                                                                                                                                                                                                                                 Scoring table:
                                                                                       OM protein
                                                                                                                                                                                                                                                                                                                                                                                                                  Minimum DB
Maximum DB
                                                                                                                                                                                                                                             Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Database
                                                                                                                              Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Result
No.
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Gaps

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Indels

0

0; Mismatches

Allergenic Proteins And Peptides From

Japanese Cedar Pollen 261

Length 20;

100.0%; Score 105; DB 4; 100.0%; Pred. No. 3.5e-10;

```
Parent No. 6719976

GENERAL INFORMATION:
APPLICANT: Sone, Toshio
APPLICANT: Sone, Toshio
APPLICANT: Mame, Akinori
APPLICANT: Mame, Akino
APPLICANT: Mame, M
                                                                                                                                                                                                                                                                                                                                                       78, Appl
78, Appl
2, Appli
14, Appl
14, Appl
52, Appli
546, Appl
                                                                                                                                                                                                                                                                                                                                                       Sequence 7
Sequence 7
Patent No.
Sequence 2
Sequence 1
Sequence 1
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Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
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Sequence
Sequence
US-09-490-702B-31
US-08-928-213B-145
US-10-563-222C-51
US-09-045-632-100
US-09-045-632-100
US-09-343-122-41
US-09-834-759-547
US-09-908-322-78
US-09-908-322-78
US-09-908-322-78
US-08-91-264-2
US-08-432-694-11
US-08-447-623-52
US-08-444-818-396
US-08-444-818-396
US-08-444-818-396
US-08-444-818-396
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APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Wana, Akino
APPLICANT: Iwana, Akino
APPLICANT: Iwana, Akino
APPLICANT: Iwana, Akino
APPLICANT: Iwana, Akino
APPLICANT: Kino, Kohsuke
TITLE NET PROPINCE SPO-103
CURRENT APPLICATION NUMBER: US/09/142,524D
CURRENT APPLICATION NUMBER: US/09/142,524D
PRIOR APPLICATION NUMBER: 1997-00-09
PRIOR APPLICATION NUMBER: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PATENTIN Version 3.1
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohauke
TITLE OP INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise
FILE REFERENCE: SPO-103
CURRENT APPLICATION NUMBER: US/09/142,524D
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR PILING DATE: 1997-03-10
                          Gaps
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                          Indela
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (1). (15)
CTHER INFORMATION: Cryjl peptide, Figure 1, Row 63
US-09-142-524D-77
                          5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; LOCATION: (1). (15) ... OTHER INFORMATION: Cryjl peptide, Figure 1, Row US-09-142-524D-76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                45.7%; Score 48; DB 4;
66.7%; Pred. No. 0.27;
  Pred. No. 0.13
); Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                             ; Sequence 77, Application US/09142524D
; Patent No. 6719976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 76, Application US/09142524D
; Patent No. 6719976
Best Local Similarity 66.7%; Pr
Matches 10; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 174
SOFWARE: Patentin version 3.1
SEQ ID NO 76
LENGTH: 15
                                                                                                                  1 EGGNÍÝTKKEAFNVE 15
                                                                       EGTNIYNNNEAFKVE 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 SSGKYEGGNIYTKKE 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 SSGKNEGINIYNNNE 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 66.7
Matches 10, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Dairiki, Kazuo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: MISC_FEATURE
                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                          US-09-142-524D-77
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US-09-142-524D-76
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APPLICANT: Sone, Toshio
APPLICANT: Kune, Akino
APPLICANT: Nama, Akiko
APPLICANT: Dairiki, Kazuo
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TAPLICANT: Kino, Kohsuke
TITLICANT: Kino, Kohsuke
TITLICANT: Kino, NUMBER: US/09/142,524D
CURRENT APPLICATION NUMBER: US/09/142,524D
CURRENT APPLICATION NUMBER: PCT/JP97/00740
PRIOR APPLICATION NUMBER: PCT/JP97/00740
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
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0
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           E: ImmuLogic Pharmaceutical Corporation, Inc. 610 Lincoln St
                                                                                                                                                                                                                                         OFFMARING SISTEM: PC-DOS/MS-DOS
SOFTWARES PatentIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: June 6, 1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane E. Remillard
REGISTRATION NUMBER: 38,872
REFERENCE/DOCKET NUMBER: 0.55.6 USD2 (IMI-028CPD2)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-5941
INFORMATION FOR SEQ ID NO. 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , LOCATION: (1). (15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 64
US-09-142-5245-78
                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 78, Application US/09142524D
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SSGKYEGGNIYTKKEAFNVE 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide FRAGMENT TYPE: internal
CORRESPONDENCE ADDRESS:
                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: MISC_FEATURE LOCATION: (1)..(15)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
                ADDRESSEE: Immu
STREET: 610 Lir
CITY: Waltham
                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -09-142-524D-78
                                                             CITY: Wa.
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-467-023-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 78
LENGTH: 15
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DB 4; Length 15;

47.6%; Score 50;

Query Match

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31.4%; Score 33; DB 2; Length 17;
43.8%; Pred. No. 75;
tive 1; Mismatches 8; Indels
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Pred. No. 75;
1; Mismatches 8; Indels
                          Patent No. 5948658
GENERAL INFORMATION:
JAPLICANT: Landry Donald, W.
TITLE OF INVENTION:
CORRESPONDENCE ADDRESS:
ADDRESSPE: Cooper and Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-14-095D-68
; Sequence 68, Application US/09214095D
; Patent No. 6280897
; General INFORMATION:
; APPLICANT: Landry, Donald
; TITLE OF INVENTION: ANTI-COCAINE CATALYTIC ANTIBODY
; TILE REFERENCE: 51400A-P-CT-US
; CURRENT APPLICATION NUMBER: US/09/214,095D
; CURRENT FILING DATE: 1999-07-19
; NOWBER OF SEQ ID NOS: 121
; SOFTWARE: Patentin version 3.0
; FRANCE 100 68
                                                                                                                                                                                                                                                                                                                               ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/672,345C
FILING DATE: 24-UW-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0575/51400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     31.4%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GMNPGNGVTYFNEKFK 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GMNPGNGVTYFNEKFK 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 43.8
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Murinae gen. 8p.
US-09-214-095D-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 7; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-672-345C-68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PPLICALLON MARCH 1995
CLASSIFICATION: 424
PRIOR APPLICATION: 424
PRIOR APPLICATION: 424
PRIOR APPLICATION NUMBER: 08/350,225
PILING DATE: Docember 6, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane B. Remillard
REGISTRATION NUMBER: 38/872
REFERENCE/DOCKET NUMBER: 025.6 USD2 (IMI-028CPD2)
FELECOMMUNICATION INFORMATION:
FELEFRANCE/GLOCKET NUMBER: 025.6
FELEFRANCE/GLO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 36; DB 3; Length 20;
Pred. No. 30;
0; Mismatches 2; Indels
                             Score 36; DB 4; Length 15;
Pred. No. 22;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ParentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
TTITING DATE: ... A24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: MA
STATE: MA
STATE: MA
STATE: MA
STATE: MA
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Griffeth, Irwin J.;
APPLICANT: Bollock, Joanne;
APPLICANT: Bond, Julian R.;
APPLICANT: Bond, Julian R.;
APPLICANT: Garman, Richard D;
APPLICANT: Kuo, Mei-Chang;
APPLICANT: Yeung, Siu-mei H.;
APPLICANT: Exley, Mark A.;
APPLICANT: Exley, Mark A.;
APPLICANT: Powers, Steven P.
TITLE OF INVENTION: Japanese Cedar Pollen
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 7
US-08-672-345C-68
; Sequence 68, Application US/08672345C
                                                                                                                                                                                                                                                                                                                                  Sequence 56, Application US/08467023
Patent No. 6090386
GENERAL INFORMATION:
APPLICANT: Griffeth, Irwin J.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           34.3%;
80.0%;
                             34.3%;
80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 80.0
Pest Local 8; Conservative
                                                                                       Conservative
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                                                                                                                                           1 SSGKNEGTNI 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 SSGKNEGTNI 10
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                                                                                                                                                                                                  6 SSGKYEGGNI 15
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                              US-08-467-023-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-467-023-56
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Gaps

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; TOPOLOGY: linear
US-08-475-985-16
                                                                                                                      ; TOPOLOGY:
US-08-475-989-16
                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 11
US-08-475-985-16
                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                       ò
                                                                                                                                                                                                                                                                                                                                                                                                    Score 31.5; DB 6; Length 20; Pred. No. 1.6e+02;
                                         APPLICATION TOTAL TOTAL TOTAL TOTAL TEACH, TEANA, KEUSCH, GERALD T.
DONOHUB-ROLEE, ARTHUR
TILLE OF INVENTION: SHIGA TOXIN B CHAIN POLYPEPTIDES AND YACCINE THEREYO
VACCINE THEREYO
NUMBER OF SEQUENCES: 5
CURRENT APPLICATION DATA:
PILING DATE: 09-UN-1989
PRIOR APPLICATION DATA:
APPLICATION UMBER: 70,243
FILING DATE: 06-JUL-1987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: CHONG, Pele
APPLICANT: KANDIL, Ali
APPLICANT: SIA, Charles
APPLICANT: SIE, Charles
APPLICANT: SIE, Michel
TITLE OF INVENTION: Synchetic Haemophilus Influenzae
TITLE OF INVENTION: Conjugate Vaccine
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & MCBUTNEY
STREET: SULF 701, 330 University Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                    5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: ORGANIC
COUNTRY: Canada
ZIP: MSG 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PLOPY disk
COMPUTER: PLOPY disk
COMPUTER: PREADABLE FORM:
MEDIUM TYPE: PC-DOS/MS-DOS
SOFTWARE: PATCHATION DATA:
APPLICATION NUMBER: US/08/475,989
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/256,839
FILING DATE: 03-FEB-1993
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/CA93/00041
FILING DATE: 03-FEB-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9202219.3
FILING DATE: 03-FEB-1993
CLASSIFICATION: 424
PRIOR APPLICATION NUMBER: GB 9202219.3
FILING DATE: 03-FEB-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 424
ATTORNEY/ABENT INFORMATION:
NAME: STEWART, MICHAEL I.
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-505 MIS:vg
TELECOMMUNICATION INFORMATION:
TELECHONE: (416) 595-1155
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-475-989-16; Sequence 16, Application US/08475989; Patent No. 5679352; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    4.
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1 GKVEYTK-YNDDDTFTVK 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 GKNEGTNIYNNNEAFKVE 20
                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 44.4%;
Matches 8; Conservative
5204097-3
; Patent No. 5204097
                                                                                                                                                                                                                                                                                                                                   LENGTH: 20
                                                                                                                                                                                                                                                                                                           SEQ ID NO:3:
                                                                                                                                                                                                                                                                                                                                                      5204097-3
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TELENCH (146) 59-1163

INFORMATION POR RED ID NO; 16:
SEQUENCE CHARACTERISTICS:
TEMBORIC CHARACTERISTICS:
TO 00-09-475-99-16

NESTHI 10

NESTHI 10

NESTHI 10

NESTHI 10

NESTHI 10

NESTHI 11

SEGUENCE 65 APPLICATION US/08475985

SEGUENCE 65 APPLICATION US/08475985

SEGUENCE 10 INVENTION SCONDERS:
CONDETES SIM & MCHARLE 1

APPLICANT CHARACTERISTICS SIM & MCHARLE 1

APPLICANT CHARACTERISTICS SIM & MCHARLE 1

APPLICANT CHARACTERISTICS SIM & MCHARLE 1

APPLICANT OF STEPS SIM SEGUENCE 1

SEGUENCE 65 APPLICATION UNDERS:
CONFITES INDEX COMPANIES SIM SEGUENCE 1

SEGUENCE
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APPLICANT: CHONG, SHACKONG S.C.
APPLICANT: ADAM, ERIC
APPLICANT: SOUTHWORTH, MAURICE
APPLICANT: SOUTHWORTH, MAURICE
TITLE OF INVENTION: MODIFFED PROTEINS, METHODS OF THEIR
TITLE OF INVENTION: PRODUCTION AND METHODS FOR PURIFICATION OF TARGET
TITLE OF INVENTION: PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER RAOD
                                                                                                                                                                                                                                                                                                                                                                 29.5%; Score 31; DB 4; Length 15; 60.0%; Pred. No. 1.4e+02; tive 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FO Compactible
OPERATING SYSTEM: FC\ DOS\MS\ DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CARRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/811,492
FILING DATE:
                                                                                                                                                                                                                                                         NAME/KGY: MISC_FEATURE
LOCATION: (1)...(15)
COTHER INFORMATION: Cryjl peptide, Figure 1, Row 65
MS-09-142-524D-79
                   CURRENT APPLICATION NUMBER: US/09/142,524D
CURRENT FILING DATE: 1998-09
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR FILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 79
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/580,555
FILING DATE: 29-DEC-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/496,247
FILING DATE: 28-UIN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 28-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/146,885
FILING DATE: 03-NOV-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/004,139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 127, Application US/08B11492
Patent No. 5834247
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PERLER, FRANCINE B.
JACK, WILLIAM E.
XU, MING-QUN
HODGES, ROBERT A.
NOREN, CHRISTOPHER J.
CHONG, SHAORONG S.C.
ADAM, ERIC
SOUTHWORTH, MAURICE
                                                                                                                                                                                           TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 60.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: MASSACHUSETTS
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                         11 YNNNEAFKVE 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 YTKKEAFNVE 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: BEVERLY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 01915
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-811-492-127
                                                                                                                                                                                                                                            FEATURE:
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APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Twame, Akinori
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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                                                                                                                                                                                                                                                                                                              APPLICANT: CANDIL, Ali
APPLICANT: KANDIL, Ali
APPLICANT: SIA, Charles
APPLICANT: SIA, Charles
APPLICANT: SIA, Charles
APPLICANT: SIA, Charles
TITLE OF INVENTION: Synthetic Haemophilus Influenzae
TITLE OF INVENTION: Conjugate Vaccine
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: Suite 701, 330 University Avenue
CITY: Toronto
STREET: Ontario
COUNTY: Canada
ZIP: MSG IR7
COMPUTER: Eloppy disk
COMPUTER: PIBM PC compatible
OPERATING: SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/256,839
                      Score 31; DB 2; Length 14;
Pred. No. 1.3e+02;
1; Mismatches 0; Indels
                          Length 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 14;
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Pred. No. 1.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: STEWARY, MICHAEL I.
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-373 MIS:jb
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-142-524D-79
; Sequence 79, Application US/09142524D
; Patent No. 6719976
                                                                                                                                                                                                                                   US-08-256-839-16
; Sequence 16, Application US/08256839
; Patent No. 6018019
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                        29.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 29.5%;
Best Local Similarity 83.3%;
Matches 5; Conservative
Query Match
Best Local Similarity 83.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 14 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear
US-08-256-839-16
                                                                                                       5 NEGTNI 10
                                                                                                                                    |||||:
6 NEGTNV 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5 NEGTNI 10
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6 NEGTNV 11
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0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Garfieth, Irwin J.;
APPLICANT: Pollock, Joanne;
APPLICANT: Pollock, Joanne;
APPLICANT: Bond, Julian F.;
APPLICANT: Kuo, Mei-Chang;
APPLICANT: Kuo, Mei-Chang;
APPLICANT: Exung, Siu-mei H.;
APPLICANT: Exung, Mark A.;
APPLICANT: Extey, Mark A.;
APPLICANT: Extey, Mark A.;
APPLICANT: Extey, Mark A.;
APPLICANT: Appares, Steven P.
TITLE OF INVENTION: Allergenic Proteins And Peptides From TITLE OF INVENTION: Japanese Cedar Pollen
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immulcajic Pharmaceutical Corporation, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 31; DB 2; Length 19;
Pred. No. 1.8e+02;
3; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDERESSE: Immulogic Pharmaceutical Corporation, inc.
STREET: Waltham
STATE: MA
COMPURE: MA
COMPURE: WA
COMPURE: BA
COMPURE: Eloppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT ADPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: June 6, 1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGAT INFORMATION:
REGISTRATION NUMBER: 38,42
REFERENCE/DOCKET NUMBER: 025.6 USD2 (IMI-028CPD2)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-7401
TELEFAX: (617) 227-75941
INFORMATION FOR SEQ ID NO: 58:
FILING DATE: 09-DEC-1992
CIASSIFICATION: 435
ATTOCNEY AGENT INFORMATION:
NAME: Williams, Gregory D
REGISTRATION NUMBER: 30901
REPERENCE, DOCKET NUMBER: NEB-036C4
TELECOMMUNICATION INFORMATION:
TELEFHONE: 508-927-5054
TELEFAX: 509-927-1705
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 58, Application US/08467023
Patent No. 6090386
GENERAL INFORMATION:
APPLICANT: Griffeth, Irwin J.;
APPLICANT: Bollock, Joanne;
APPLICANT: Bond, Julian F.;
                                                                                                                                                                                                                                               127:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 29.5%;
Best Local Similarity 46.2%;
Matches 6; Conservative
                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6 NGRNGGNNGGNND 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 SGKNEGTNIYNNN 14
                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                ; MOLECULE TYPE: peptide US-08-811-492-127
                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 15
US-08-467-023-58
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| LENGTH: 20 amino acids | TYPE: amino acid | TYPE: amino acid | TOPOLOGY: linear | TOPOL
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Pebruary 1, 2005, 07:47:50 ; Search time 61.1429 Seconds
(without alignments)
118.179 Million cell updates/sec
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/cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*

/cgn2_6/ptodata/1/pubpaa/PCG NEW PUB.pep:*

/cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

/cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

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/cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

/cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                  296681
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                         1608061 segs, 361289386 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Published Applications_AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                           OM protein - protein search, using sw model
                                                                                                                                                                                                                                       1 YNNNEAFKVENGSAAPQLTK 20
                                                                                                                                                                                                                                                                              BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                 US-09-202-464-35
104
                                                                                                                                                                                                                                                                                                                                                                                                                      Minimum DB seq length: 0 Maximum DB seq length: 20
                                                                                                                                                                                                                                                                              Scoring table:
                                                                                                                                                                                                 Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Database :
                                                                                                                                                                                                                                         Sequence:
                                                                                                                                                                                                                                                                                                                                         Searched:
                                                                                                                    Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

| i      |         | æ                                      |         |     |                   |                   |
|--------|---------|--|---------|-----|-------------------|-------------------|
| Result | 200     | Query                                  | Query   | 5   | 1                 | 10000             |
|        | י מכסדע | יייייייייייייייייייייייייייייייייייייי | Table 1 | 9 ; | at a              | Description       |
| г      | 62      | 59.6                                   | 15      | 14  | US-10-354-240-80  | Sequence 80, Appl |
| 7      | 54      | 51.9                                   | 20      | 14  | US-10-354-240-12  | Sequence 12, Appl |
| e      | 48      | 46.2                                   | 15      | 14  | US-10-354-240-79  | _                 |
| 4      | 43      | 41.3                                   | 15      | 14  | US-10-354-240-81  | Sequence 81, Appl |
| S      | 34      | 32.7                                   | 15      | σ   | US-09-767-460-31  | Seguence 31, Appl |
| v      | 33      | 31.7                                   | 16      | 15  | US-10-449-829A-15 | Sequence 15, Appl |
| 7      | 31      | 29.8                                   | 15      | 14  | US-10-354-240-78  | Sequence 78, Appl |
| ω      | 31      | 29.8                                   | 20      | 14  | US-10-216-484-41  | Sequence 41, Appl |
| 6      | 31      | 29.8                                   | 20      | 14  | US-10-384-933-41  | ᅼ                 |
| 10     | 30      | 28.8                                   | -       | 14  | US-10-227-616-16  | Sequence 16, Appl |
| 11     | 30      | 28.8                                   |         | 14  | US-10-173-461-17  | ~                 |
| 12     | 30      | 28.8                                   | 15      | 11  | US-10-769-514-71  | Sequence 71, Appl |
| 13     | 30      | 28.8                                   | 18      | 14  | US-10-053-485-31  | Sequence 31, Appl |

| Sequence 208, App<br>Sequence 209, App<br>Sequence 210, App<br>Sequence 211, App     | 212,<br>390,<br>391,             | 392,<br>393,<br>75, A                     | 76,<br>77,<br>78,                               | 255                              | 5, A  | 162  | 828,<br>194,<br>74.                                | 30,<br>70,               |  |
|--|----------------------------------|---|---|----------------------------------|---|--|--|--------------------------|--|
| US-10-203-969A-208<br>US-10-203-969A-209<br>US-10-203-969A-210<br>US-10-203-969A-211 | -10-203-<br>-10-203-<br>-10-203- | -10-203-969<br>-10-203-969<br>-10-642-553 | -10-642-553-7<br>-10-642-553-7<br>-10-642-553-7 | -10-642-<br>-10-642-<br>-10-642- | US-09-747-802-5<br>US-10-789-619-5<br>US-10-481-180-796 | 10-481-180-8<br>-10-225-567A-                                      | -10-481-180-82<br>-10-286-457-19<br>-10-769-514-74 | -10-221-12<br>-10-769-51 | -10-053-485<br>-10-225-567<br>-10-403-938<br>-10-776-013 |
| 16<br>16<br>16   | 16<br>16                         | 16<br>16<br>16                            | 917   | 16<br>16                         | 16  | 911  | 147  | 14<br>17<br>14           | 14<br>14<br>15   |
| 1221   | 122                              | 12 12 12 12 12 12 12 12 12 12 12 12 12 1  | 2223  | 7 7 7                            | H H H   | 700<br>700<br>700<br>700<br>700<br>700<br>700<br>700<br>700<br>700 | 11.02  | 125                      | 56660  |
| 27.9<br>27.9<br>27.9<br>27.9   |                                  | 7.7.                                      |   |                                  | 27.9  |  |  |                          | 26.9<br>26.9<br>26.9                                     |
| 0 0 0 0<br>0 0 0 0   | 0 0 0                            | 5 8 8<br>5 8 8                            | 0000  | 0 0 0<br>0 0 0                   | 0 0 0   | 0000   | 886  | 8 8 8<br>7 7 7           | 8 8 8 8<br>7 7 8 8<br>7 8 8 8                            |
| 14<br>15<br>16   | 18<br>19<br>20                   | 21<br>22<br>23                            | 224<br>26<br>26                                 | 28<br>28<br>28                   | 310<br>310  | ነ የህ የህ የ<br>ያ የህ ቆ4 ቢ   | 3 3 3 6<br>3 4 6<br>3 7 6                          | 8 4 4<br>0 0 1           | 44 4 4 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5                   |

## ALIGNMENTS

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Sequence 80, Application US/10354240

Sequence 80, Application US/10354240

Publication No. US20030185847A1

GENERAL INFORMATION:

APPLICANT: Sone, Toshio

APPLICANT: Mame, Akinori

APPLICANT: Washion

APPLICANT: Washion

APPLICANT: Washion

APPLICANT: Washion

APPLICANT: Washion

APPLICANT: Work Section

APPLICANT: Work Section

CURRENT FILING DATE: 1997-03-10

FRIOR FILING DATE: 1998-09-09

MUMBER OF SECTION NOWBER: US 09/142,524

SOFTWARE: PATENT VETION OF SECTION

NUMBER OF SECTION OF SECTION

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , LOCATION: (1).7(15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 66
US-10-354-240-80
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ORGANISM: Cryptomeria japonica
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6 AFKVENGSAAPQLTK 20

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Gaps ö

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APPLICANT: Kume, Akinori
APPLICANT: Edme, Akinori
APPLICANT: Dairiki, Kazuo
APPLICANT: Lyama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise
FILE REPERBNCE: SPO-10301
CURRENT PAPLICATION NUMBER: US/10/354,240
CURRENT FILING DATE: 1997-03-10
PRIOR PILING DATE: 1997-03-10
PRIOR PILING DATE: 1997-03-10
PRIOR PILING DATE: 1999-09
NUMBER OF SEQ ID NOS: 174
SEQ THARE: PatentIn version 3.1
SEQ ID NO 81
LENGTH: 15
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Sequence 31, Application US/09767460
Sequence 31, Application US/097671
GENERAL INFORMATION:
APPLICANT: Mandell, Arnold
APPLICANT: Selz, Karen
APPLICANT: Shlesinger, Michael
TITLE OF INVENTION: Algorithmic Design of Peptides for Binding and/or Modulation of TITLE OF INVENTION: Functions of Receptors and/or Other Proteins
TITLE OF INVENTION NUMBER: US/09/767,460
CURRENT APPLICATION NUMBER: US/09/767,460
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; LOCATION: (1). (15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 67
US-10-354-240-81
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Pred. No. 1.1e+02;
2; Mismatches 4;
                                                                                                                                  ; Sequence 81, Application US/10354240; Publication No. US20030185847A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Cryptomeria japonica
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SOFTWARE: Patentin version 3.0
SEQ ID NO 31
LENGTH: 15
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Query Match
Best Local Similarity 50...
6; Conservative
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Best Local Similarity 80.0
Matches 8; Conservative
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                                                                                          RESULT 4
US-10-354-240-81
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US-09-767-460-31
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                                                                                                                                                                       APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akiko
APPLICANT: Kauo
APPLICANT: Kauo
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
CURRENT FILING DATE: 2003-01-29
RIOR APPLICATION NUMBER: US/10/354,240
PRIOR APPLICATION NUMBER: US/07/3997/00740
PRIOR FILING DATE: 1997-03-10
PRIOR FILING DATE: 1998-099
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Wame, Akinori
APPLICANT: Bairiki, Kazuo
APPLICANT: Wamen, Akiko
APPLICANT: Wamen, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REFERENCE: SPO-103D1
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT FILING DATE: 1997-03-10-29
PRIOR APPLICATION NUMBER: US 09/142,524
PRIOR FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 79
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; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 65
US-10-354-240-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                             Sequence 12, Application US/10354240 Publication No. US20030185847A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Cryptomeria japonica
US-10-354-240-12
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ORGANISM: Cryptomeria japonica
  1 AFNVENGNATPOLIK 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: MISC FEATURE
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                                                                   RESULT 2
US-10-354-240-12
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LENGTH: 20
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Tamaki, Ikuki
APPLICANT: Tamaki, Ikuki
APPLICANT: Tamaki, Ikuki
APPLICANT: Takahashi, Tohru
TITILE OF INVENTION: Anti-Fas Antibodies
FILE REPERENCE: 980126C12F/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT PILING DATE: 2003-02-05
FRIOR PELICATION NUMBER: US/09/499,662
FRIOR FILING DATE: 2000-02-09
FRIOR FILING DATE: BARLIER APPLICATION NUMBER: US 09/053,583
FRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
LIENGTH: 20
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Pred. No. 5e+02;
0; Mismatches 4; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4; Indels
          Sequence 41, Application US/10216484

Publication No. US20030103976A1

SEREAL INFORMATION:

APPLICANT: Serizawa, No. US20030103976A1ufusa

APPLICANT: Haruyama, Hideyuki

APPLICANT: Tamaki, Ikuko

APPLICANT: Tamaki, Ikuko

TITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126C1P/HG

CURRENT FILING DATE: 2002-08-09

FRIOR FILING DATE: 2002-08-09

FRIOR FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 41

LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 31; DB 1
Pred. No. 5e+02
0; Mismatches
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Publication No. US20030170817A1
GENERAL INFORMATION:
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Best Local Similarity 60.0
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
6, Conservat
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US-10-216-484-41
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                                                               PUBLICANT: TERRETT, JONATHAN Alexander
APPLICANT: TERRETT, JONATHAN Alexander
APPLICANT: TERRETT, JONATHAN ALEXANDER
APPLICANT: TERRETT, JONATHAN ALEXANDER
TITLE OF INVENTION: PROTEINS, GENES AND THEIR USE FOR DIAGNOSIS AND TREATMENT OF CHRC
TITLE OF INVENTION: ASTHMA
FILE REPERENCE: 2543-1-029
CURRENT APPLICATION NUMBER: US/10/449,829A
CURRENT FILING DATE: 2003-05-30
PRIOR FILING DATE: 2001-12-10
PRIOR FILING DATE: 2000-12-08
NUMBER: PS206GB
NUMBER: PS206GB
NUMBER: OF SEQ ID NOS: 49
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Sone, Toshio
APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Ivama, Akiko
APPLICANT: Sono, Robsuke
FILIR REFERENCE: SPO-103D
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT APPLICATION NUMBER: US/10/354,240
PRIOR APPLICATION NUMBER: US 09/142,524
PRIOR FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PatentIn version 3.1
SEQ ID NO 78
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Pred. No. 1.8e+02;
2; Mismatches 4; Indels
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INFORMATION: Cryjl peptide, Figure 1, Row 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
        US-10-449-829A-15
; Sequence 15, Application US/10449829A
; Publication No. US20040043425A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-354-240-78
; Sequence 78, Application US/10354240
; Publication No. US20030185847A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      31.7%;
45.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       7 FKVENGSAAPQ 17
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                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-449-829A-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: MISC_FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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Best Local Similarity
Matches 5; Conserv
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Matches
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Sequence 31, Application US/10053485

Publication No. US20030047680A1

GENERAL INFORMATION

APPLICANT: Figers, Daniel

APPLICANT: Figers, Usedi

TITLE OF INVENTION: ELECTROGMOTIC FLUIDIC DEVICE AND RELATED METHODS

FILE REFERENCE: UMOTIL18617

CURRENT APPLICATION NUMBER: US/10/053,485

CURRENT APPLICATION NUMBER: US 09/209,880

PRIOR FILING DATE: 1998-12-11

PRIOR FLIING DATE: 1997-12-12

PRIOR PLIING DATE: 1998-12-11

PRIOR PLIING DATE: 1998-12-12

NUMBER OF SEQ ID NOS: 66

SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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Pred. No. 6.5e+02;
2; Mismatches 2; Indels
                                                                                                                                                                              Score 30; DB 17; Length 15;
Pred. No. 5.3e+02;
                                                                                                               OTHER INFORMATION: TbpB N-lobes of Bovine Pathgens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Saccharomyces cerevisiae US-10-053-485-31
                                                                                                                                                                              28.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 28.8%;
Best Local Similarity 55.6%;
Matches 5; Conservative ;
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ORGANISM: Artificial Sequence
                                                   TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                  2 NNNEAF----KVEN 11
                                                                                                                                                                                                                                                                                                    1 NNNEAWAKNLKKEN 14
                                                                                                                                                                                                    Best Local Similarity 57.13
Matches 8; Conservative
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4 NDAFGIEEG 12
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US-10-053-485-31
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SEQ ID NO 71
LENGTH: 15
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LENGTH: 18
                                                                                                                                                                              Query Match
                                                                                         FEATURE:
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TITLE OF INVENTION: POLYNUCLECTIDE ENCODING A NOVEL HUMAN GROWTH FACTOR WITH HOMOLOGY
TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR, BGS-8, EXPRESSED HIGHLY IN IMMUNE TISSU
FILE REFERENCE: D0166 NP
CURRENT APPLICATION NUMBER: US/10/173,461
CURRENT FILING DATE: 2002-06-14
PRIOR PEPLICATION NUMBER: US 60/298,340
PRIOR FILING DATE: 2001-06-14
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.0
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TITLE OF INVENTION: Transferrin Binding Peptides and Uses Thereof
FILE REFERENCE: 0280722-011
CURRENT APPLICATION NUMBER: US/10/769,514
CURRENT FILING DATE: 2004-01-30
PRIOR APPLICATION NUMBER: US 60/444,113
PRIOR FILING DATE: 2003-01-31
NUMBER OF SEQ ID NOS: 86
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                       28.8%; Score 30; DB 50.0%; Pred. No. 4e+0 cive 2; Mismatches
                                          APPLICANT: Stamps, Alasdair Craig
APPLICANT: Stamps, Alasdair Craig
APPLICANT: Terrett, Jonathan Alexander
TITLE OF INVENTION: Proteins
CURRENT FILE REPERBINGE: 2543-1-028
CURRENT FILING DATE: 2002-08-23
PRIOR APPLICATION NUMBER: GB 0004576.5
PRIOR APPLICATION NUMBER: GB 0031341.1
PRIOR FILING DATE: 2000-02-25
PRIOR FILING DATE: 2000-12-21
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Publication No. US20030138795A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 28.8
Best Local Similarity 85.7
Matches 6; Conservative
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Best Local Similarity 50.0
Matches 5; Conservative
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1 NGNQAFNEDN 10
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                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
CRGANISM: Homo sapiens
US-10-227-616-16
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ORGANISM: Homo sapiens
US-10-173-461-17
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US-10-769-514-71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Gaps
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                                                                                                                                             Query Match 27.9%; Score 29; DB 16; Length 12; Best Local Similarity 75.0%; Pred. No. 5.9e+02; Matches 6; Conservative 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 209, Application US/10203969A
Publication No. US20040110224A1
GENERAL INFORMATION:
APPLICANT: Puijk van, Evert
APPLICANT: Dijk van, Evert
APPLICANT: Biocstra, Jelle W.
TITLE OF INVENTION: Segment synthesis
FILE REFERENCE: P50200USO
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: EP 0020636.1
PRIOR FILING DATE: 2000-02-16
PRIOR APPLICATION NUMBER: PCT/NL01/00131
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ.ID NOS: 660
SOFTWARE: PALENTING DATE: 2010-02-16
NUMBER OF SEQ.ID NOS: 660
SOFTWARE: PALENTING DATE: 2010-02-16
NUMBER OF SEQ.ID NOS: 660
SOFTWARE: PALENTING DATE: 2010-02-16
NUMBER OF SEQ.ID NOS: 660
SOFTWARE: PALENTING DATE: 2010-02-16
NUMBER OF SEQ.ID NOS: 660
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OTHER INFORMATION: derived from hFSH FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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5 FKVENHTA 12
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                                               ; NAME/KEY: SITE
; LOCATION: (1)..(12)
US-10-203-969A-208
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NAME/KEY: SITE

; LOCATION: (1)..(12)

US-10-203-969A-209
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US-10-203-969A-209
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Title: Perfect score:

Sequence:

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CORRESPONDENCE ADDRESS:
ADDRESSEE: Immulogic Pharmaceutical Corporation, Inc. STREET: 610 Lincoln St
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIPTCATION DATE: 0424

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/350,225

FILING DATE: December 6, 1994

ATORNEY/AGENT INFORMATION:
NAME: Jane E. Remillard
REGISTRATION NUMBER: 38,872

REPERRICE/DOCKET NUMBER: 025.6 USD2 (IMI-028CPD2)

TELEPHONE: (617) 227-7400

TELEPHONE: (617) 227-7400

TELEPHONE: (617) 227-7401

TELEPHONE: (617) 227-5941

INFORMATION FOR SEQ ID NO: 58: SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
SOFTWARE: Patentil Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE:
US-08-488-546A-22
US-08-470-419-21
US-08-290-105-21
US-08-76-949-21
US-08-776-949-21
US-08-776-949-21
US-09-636-805-21
US-09-636-805-21
US-09-635-754-21
US-09-635-754-21
US-09-635-754-15
US-08-680-525-12
US-08-680-525-12
US-08-680-525-12
US-08-680-525-12
US-08-680-755-15
US-08-680-755-15
US-08-680-755-15
US-08-80-755-15
US-08-80-755-15
US-08-80-755-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 58, Application US/08467023; Patent No. 6090386; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Griffeth, Irwin J.;
APPLICANT: Pollock, Joanne;
APPLICANT: Bond, Julian F.;
APPLICANT: Garman, Richard D;
APPLICANT: Yeuug, Siu-mei H.;
APPLICANT: Yeuug, Siu-mei H.;
APPLICANT: Exley, Mark A.;
APPLICANT: Exley, Mark A.;
APPLICANT: Powers, Stewen P.
                          0000mmmm4444mm4
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MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
       CITY: Waltham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
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Sequence 64, Appl
Sequence 5, Appli
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                                                                                                                             February 1, 2005, 07:38:44; Search time 18.4286 Seconds (without alignments) 71.973 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 78,
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Sequence 79
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Patent No. 53
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Sequence 8
Sequence 5
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Sequence 2
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                       5.1.6
Compugen Ltd.
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US-08-173-008-4

US-09-1142-524D-18

US-09-1142-524D-19

US-09-1142-524D-81

US-09-1142-524D-81

US-09-142-524D-81

US-08-467-023-59

US-08-191-866D-64

US-08-191-866D-64

US-08-191-866D-64

US-08-191-866D-64

US-08-191-866D-64

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US-08-191-78

US-08-191-78

US-08-401-531B-22

US-08-404-531B-21

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US-08-404-531B-21

US-08-404-531B-22

US-08-404-531B-22
                                                                                                                                                                                                                                                                                                                                                                      Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                       478139 segs, 66318000 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SUMMARIES
                       GenCore version (c) 1993 - 2005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                              - protein search, using sw model
                                                                                                                                                                                                                                            1 YNNNEAFKVENGSAAPQLTK 20
                                                                                                                                                                                                                                                                               BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Issued Patents AA:*
                                                                                                                                                                                                          US-09-202-464-35
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Match Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Copyright
                                                                                                                                                                                                                                                                                                                                                                                                              seq length: 0
seq length: 20
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Score

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RESULT 4
US-09-142-524D-80
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                                         US-08-773-008-4
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                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT Griffech, Irwin J.;
APPLICANT Bond, Julian F.;
APPLICANT Garman, Richard D;
APPLICANT Garman, Richard D;
APPLICANT Kuo, Mei-Chang;
APPLICANT Kuo, Mei-Chang;
APPLICANT Brauer, Andrew;
APPLICANT Brauer, Andrew;
APPLICANT Brauer, Andrew;
APPLICANT Exley, Mark A.;
APPLICANT:
TITLE OF INVENTION: Allergenic Proteins And Peptides From TITLE OF INVENTION: Allergenic Cedar Pollen
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  64.4%; Score 67; DB 3; Length 16; 81.2%; Pred. No. 3.9e-05; tive 1; Mismatches 2; Indels
                                         71.2%; Score 74; DB 3; Length 20; 70.0%; Pred. No. 3.1e-06;
                                                                                   5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT PPLICATION NUMBER: US/08/467,023

FILING DATE: June 6, 1995

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/350,225

FILING DATE: December 6, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Jane E. Remillard

REGISTRATION NUMBER: 025.6 USD2 (IMI-028CPD2)

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION OF SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 amino acids

TOPOLOGY: Innear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: ImmuLogic Pharmaceutical Corporation, Inc
STREET: 610 Lincoln St
                                                                                   1; Mismatches
                                                                                                                                                                                                                                                                         Sequence 19, Application US/08467023 Patent No. 6090386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Cryptomeria japonica
                                                                                                                             1 YNNNEAFKVENGSAAPQLTK 20
                                                                                                                                                     FAFNVENGNATPOLTK 16
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                                       Query Match
Best Local Similarity 70.03
Matches 14; Conservative
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FRAGMENT TYPE: internal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 13; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Waltham
STATE: MA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM:
US-08-467-023-19
US-08-467-023-58
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APPLICANT: Kume, Akinori
APPLICANT: Dairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Ikino, Kohauke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise
FILE REFERENCE: SPO-103
CURRENT APPLICATION UMBER: US/09/142,524D
CURRENT FILING DATE: 1998-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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0
                                                                                                                                                           PROCESS TO PRODUCE THE SAME,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 2; Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3; Indels
                                                                                                                                                                                                                                                                                                                                               COMPUTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
Sequence 4. Application US/08773008

Patent No. 5874401

GENERAL INFORMATION:

APPLICANT: SANOU Osamu

APPLICANT: KURINO' Katchhiko

APPLICANT: KURINOTO, Masashi

TITLE OF INVENTION: PROTEIN, PROCESS TO PRODUCE:

TITLE OF INVENTION: AND USES THEREOF

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSE: BROWDY AND NEIMARK

STREET: 419 Seventh Street, N.W., Suite 300

CITY: Machington

STREET: A Machington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        63.5%; Score 66; DB 2; 1
81.2%; Pred. No. 5.8e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/773,008
FILING DATE: 24-DEC-1996
CLASSIFRCATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/354,815
FILING DATE: 08-DEC-1994
APPLICATION NUMBER: UP 347017
FILING DATE: 27-DEC-193
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 80, Application US/09142524D; Patent No. 6719976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGIGTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: SA
TELECOMMUNICATION INPORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5 EAFKVENGSAAPQLTK 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 16 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 63.5
Best Local Similarity 81.2
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 248633
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Dairiki, Kazuo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
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STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                        Query Match 46.2%; Score 48; DB 4; Length 15; Best Local Similarity 64.3%; Pred. No. 0.073; Matches 9; Conservative 1; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               41.3%; Score 43; DB 4; Length 15; 80.0%; Pred. No. 0.54; tive 1; Mismatches 1; Indels
                                                                                                                                 ; LOCATION: (1). (15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 65
US-09-142-524D-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        . LOCATION: (1). (15)
, OTHER INFORMATION: Cryjl peptide, Figure 1, Row 67
US-09-142-524D-81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Japanese Cedar Pollen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 59, Application US/08467023 ; Patent No. 6090386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Griffeth, Irwin J.;
Polločk, Joanne;
Bond, Julian F.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Kuo, Mei-Chang;
Yeung, Siu-mei H.;
Brauer, Andrew;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Garman, Richard D;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                           TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Exley, Mark A.;
APPLICANT: POWETE, Steven P.
TITLE OF INVENTION: Japanese
TITLE OF INVENTION: Japanese
     SOFTWARE: Patentin version 3.1
SEQ ID NO 79
LENGTH: 15
                                                                                                                                                                                                                                                                                 1 YNNNEAFKVENGSA 14
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Best Local Similarity 80.0
Matches 8; Conservative
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                                                                                             FEATURE:
NAME/KEY: MISC_FEATURE
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Iwama, Akinori
APPLICANT: Iwama, Akinori
APPLICANT: Iwama, Akinori
APPLICANT: Iwama, Akino
APPLICANT: Kino, Kohsuke
TITLE OF INVERTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REFERENCE: SPO-103
CURRENT APPLICATION NUMBER: US/09/142,524D
CURRENT PILING DATE: 1998-09-09
PRIOR PELING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 12
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Mama, Akinori
APPLICANT: Lwama, Akiko
APPLICANT: Lwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REPERENCE: SPO-103
CURRENT FILING DATE: 1998-09-09
FRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR FILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           51.9%; Score 54; DB 4; Length 20; 100.0%; Pred. No. 0.0094; tive 0; Mismatches 0; Indels
                                                                                                                                                                                     ; LOCATION: (1)...(15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 66
US-09-142-524D-80
PRIOR APPLICATION NUMBER: PCT/JP97/00740 PRIOR FILING DATE: 1997-03-10 NUMBER OF SEQ ID NOS: 174 SQFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 79, Application US/09142524D Patent No. 6719976 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 12, Application US/09142524D Patent No. 6719976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: PRT
; ORGANISM: Cryptomeria japonica
US-09-142-524D-12
                                                                                                                              ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                      6 AFKVENGSAAPQLTK 20
                                                                                                                                                                                                                                                                                                                                                                        1 AFNVENGNATPOLTK 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-142-524D-12
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                                                                        SEQ ID NO 80
LENGTH: 15
                                                                                                              TYPE: PRT
                                                                                                                                                    FEATURE
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8 g

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CAPPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Flam PC Compatible
COPERATIOS SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/191,866D
FILING DATE: 4 February 1994
CLESSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
TELEPRAMINICATION INFORMATION:
T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 64, Application US/08185949B
Patent No. 5874279
GENERAL INFORMATION:
APPLICANT: Mark D. Cochran
APPLICANT: Richard D. Macdonald
TITLE OF INVENTION: Recombinant Infectious Bovine
TITLE OF INVENTION: Rhinotracheitis Virus
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: John P. White
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: John P. White
STREET: 1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELBEAX: (212, TELBEAX: 42253
TELEX: 42253
; INFORMATION FOR SEQ ID NO: 64: SEQUENCE CHARACTERISTICS: LENGTH: 17 anino acids TYPE: amino acid TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match
Best Local Similarity 50.0
                                                         | :||| :| |
2 YKHNEATDIEKG 13
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7 FKVENGSAAP 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 YKIESGCARP 11
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STATE: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: New COUNTRY: USAZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-191-866D-64
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US-08-185-949B-64
                                                                                                                                                                                                   RESULT 10
US-08-191-866D-64
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US-09-490-702B-31
i Sequence 31, Application US/09490702B
i Sequence 31, Application US/09490702B
i Patent No. 6560542
i GENERAL INFORMATION:
i APPLICANT: Mandell, Arrold
APPLICANT: Shlesinger, Michael
i TITLE OF INVENTION: Algorithmic Design of Peptides for Binding and/or Modulation of the TILE REFERENCE: 01561-0002-00US00
CURRENT PAPLICANT: US/09/490,702B
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 96
i SEQ ID NO 31
LINGHH: 15
LINGHH: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4; Indels
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSEE: ImmuLogic Pharmaceutical Corporation, Inc.
STREET: 610 Lincoln St
CITY: Waltham
STATE: WA
COUNTRY: USA
                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Plopy disk

COMPUTER IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: Us/08/467,023

FILING DATE: Unne 6, 1995

CLASSIFICATION DATA:

APPLICATION NUMBER: 08/350,225

FILING DATE: December 6, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Jane E. Remillard

REGISTRATION NUMBER: 38,872

REFERRING-DOCKET NUMBER: 025.6 USD2 (IMI-028CPD2)

TELECOMMUNICATION INFORMATION:

TELEPPONE: (617) 227-7400

TELEPPONE: (617) 227-5941

INFORMATION FOR SEQ ID NO: 59:

SEQUENCE CHARACTERISTICS:

LENGTH: Camino acids

TYPER: maino acids

TYPER: maino acids

TYPER: maino acids

TYPER: TELEPPONE (100) 1000 Acids

TYPER: MINDORNATION ACIDS

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
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) OTHER INFORMATION: synthetic
US-09-490-7028-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match
Best Local Similarity 80...
Best Local 8; Conservative
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MOLECTLE TYPE: peptide
; FRAGMENT TYPE: internal
US-08-467-023-59
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1 NGNATPQLTK 10
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TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise
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                                                                                                                                                                                                                                                                    DB 1; Length 14;
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COATION: (1)...(15)
COTHER INFORMATION: Cryjl peptide, Figure 1, Row 64
US-09-142-524D-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: SPO-103
CURRENT APPLICATION NUMBER: US/09/142,524D
CURRENT FILING DATE: 1998-09-09
FRIOR APPLICATION NUMBER: PCT/JP97/00740
FRIOR FILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SOFTWARE: Patentin version 3.1
SERIOTH: 15
                                                                                                                                                                                                                                                                                                        3; Mismatches
                                                                                                                                                                                                                                                                    29.8%; Score 31; 54.5%; Pred. No. (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 78, Application US/09142524D Patent No. 6719976 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 57, Application US/08467023 Patent No. 6090386 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Griffeth, Irwin J.;
Pollock, Joanne;
Bond, Julian F.;
Garman, Richard D;
Kuo, Mei-Chang;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Yeung, Siu-mei H.;
Brauer, Andrew;
Exley, Mark A.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Cryptomeria japonica
 (703) 413-2220
                                                                             14 amino acids
                 TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity 60.0
nes 6; Conservative
                                                                                                                                                                                                                                                                                                          6; Conservative
                                                                                                                                                                                                             internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dairiki, Kazuo
                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                              10 ENGSAAPQLTK 20
                                                                                            TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                     :: |||||:|
4 QSEKAAPQLSK 14
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Kino, Kohsuke
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 YNNNEAFKVE 10
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                        HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                             FRAGMENT TYPE:
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US-08-467-023-57
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APPLICANT:
APPLICANT:
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APPLICANT:
 TELEFAX:
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                                                                             LENGTH:
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APPLICANT: GRAS-MASSE, HELENE
TITLE OF INVENTION: IMMUNOGENIC PEPTIDE SEQUENCE OF
TITLE OF INVENTION: ECHINOCOCCUS GRANULOSUS, DNA SEQUENCE CODING FOR
TITLE OF INVENTION: PEPTIDE SEQUENCE AND DIAGNOSTIC AND THERAPEUTIC
TITLE OF INVENTION: APPLICATIONS
OWNER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                       Score 32; DB 2; Length 17;
Pred. No. 52;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: P.C.
1755 S. Jefferson Davis Highway, Suite 400
                                     SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/185,949B
FILING DATE: 03-NOV-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      660-065-0X PCT
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CLASSIFICATION: 435
IOR APPLICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 90/08900
FILING DATE: 12-JUL-1990
ATTONEY/AGENT INFORMATION:
ATTONE: Oblon, No. 5541078man F.
REGISTRATION NUMBER: 24,618
s: Floppy disk
IBM 330 466 DX2
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 5, Application US/07961724C
Patent No. 5541078
GENERAL INFORMATION:
APPLICANT: FACON, BRIGITTE
                                                                                                                                              ATTORNEY AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: , 678
TELECOWUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 278-0400
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CHAMEKH, MUSTAPHA
DISSOUS, COLETTE
CAPRON, ANDRE
TARTAR, ANDRE
                                                                                                                                                                                                                                                                                                                                                                                                                         30.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 30.8
Best Local Similarity 50.0
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7 FKVENGSAAP 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            :|:|:| | |
2 YKIESGCARP 11
                                                                                                                                                                                                                                                                                                                        amino acid
OGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
                     COMPUTER: IBM 330
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                           US-08-185-949B-64
                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
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US-07-961-724C-5
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0
TITLE OF INVENTION: Allergenic Proteins And Peptides From TITLE OF INVENTION: Japanese Cedar Pollen NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSEE: ImmuLogic Pharmaceutical Corporation, Inc. STREET: 610 Lincoln St. CORPUTRY: Waltham STATE: MA
COUNTRY: USA
COMPUTRY: USA
ZIP: 0.2154
COMPUTRY: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/467,023
FILLING DATE: June 6, 1995
CLASSIFICATION NUMBER: US/08/467,023
FILLING DATE: June 6, 1995
CLASSIFICATION NUMBER: US/08/350,225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ## APPLICANT: ARNON, RUTH; HARARI, ILANA; KEUSCH, GERALD T.
## APPLICANT: ARNON, RUTH; HARARI, ILANA; KEUSCH, GERALD T.
## TITLE OF INVENTION: SHIGA TOXIN B CHAIN POLYPEPTIDES AND
## TITLE OF INVENTION: SHIGA TOXIN B CHAIN POLYPEPTIDES AND
## APPLICATION DATA:
## APPLICATION DATA:
## APPLICATION NUMBER: US/07/364,506
## FILING DATE: 09-UN-1989
## PRIOR APPLICATION DATA:
## APPLICATION NUMBER: 70,243
## FILING DATE: 06-UUL-1987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 29.8%; Score 31; DB 3; Length 20; Best Local Similarity 60.0%; Pred. No. 95; Matches 6; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
28.8%; Score 30; DB 6; Length 14;
Best Local Similarity 41.7%; Pred. No. 92;
Matches 5; Conservative 4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
; PRAGMENT TYPE: internal
US-08-467-023-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 YNNNEAFKVENG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 YNDDDTFTVKVG 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     11 YTKKEAFNVE 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO:4:
ENGTH: 14
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Search completed: February 1, 2005, 07:52:28 Job time : 19.4286 secs

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February 1, 2005, 07:47:50; Search time 61.1429 Seconds (without alignments) 118.179 Million cell updates/sec
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1: \cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: \cgn2_6/ptodata/1/pubpaa/PCTT MEW PUB.pep:*
3: \cgn2_6/ptodata/1/pubpaa/NCTT MEW PUB.pep:*
4: \cgn2_6/ptodata/1/pubpaa/US06_NEW PUB.pep:*
5: \cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
6: \cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
7: \cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
8: \cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
9: \cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
10: \cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
11: \cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
12: \cgn2_6/ptodata/1/pubpaa/US09_NEW PUB.pep:*
13: \cgn2_6/ptodata/1/pubpaa/US09_NEW PUB.pep:*
14: \cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
15: \cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
16: \cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
17: \cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
18: \cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
18: \cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
18: \cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
19: \cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                 OM protein - protein search, using sw model
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100
i NGSAAPQLTKNAGVLTCILS 20
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Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                                                                                                                                Title:
Perfect score:
Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Scoring table:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

|            | Description                   | Sequence 82, Appl | Sequence 81, Appl | Sequence 83, Appl | Sequence 80, Appl | Sequence 39, Appl | Sequence 6027, Ap  | Sequence 48069, A   | Sequence 451, App  | Sequence 455, App  | Sequence 25, Appl | Sequence 73, Appl | Sequence 29970, A   | Sequence 22, Appl |
|------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------|--------------------|--------------------|-------------------|-------------------|---------------------|-------------------|
| OUTPHANTED | ΩI                            | US-10-354-240-82  | US-10-354-240-81  | US-10-354-240-83  | US-10-354-240-80  | US-10-193-477-39  | US-10-107-532-6027 | US-09-864-761-48069 | US-09-572-270A-451 | US-09-572-270A-455 | US-09-767-460-25  | US-10-463-190-73  | US-10-029-386-29970 | US-09-847-539A-22 |
| ote.       | DB                            | 14                | 14                | 14                | 14                | 14                | 15                 | σ                   | 10                 | 10                 | σ                 | 15                | 14                  | 6                 |
|            | *<br>Query<br>Match Length DB | 15                | 15                | 15                | 15                | 18                | 15                 | 20                  | 10                 | 10                 | 15                | 17                | 18                  | 19                |
|            | %<br>Query<br>Match           | 70.0              | 67.0              | 54.0              | 43.0              | 30.5              | 30.0               | 30.0                | 29.0               | 29.0               | 29.0              | 29.0              | 29.0                | 29.0              |
|            | Score                         | 70                | 67                | 54                | 43                | 30.5              | 30                 | 30                  | 29                 | 29                 | 29                | 29                | 29                  | 29                |
|            | Result<br>No.                 | -                 | 8                 | ٣                 | 4                 | S                 | 9                  | 7                   | 80                 | 0                  | 10                | 11                | 12                  | 13                |

| Sequence 78, Appl | 78,                |              | Sequence 18, Appl | 136,              | Sequence 136, App | 13           | Sequence 473, App | Sequence 474, App   | 19,   | 33,                | 463       | 47           | 543        | ຕັ         | 476       | 30,   | 11, | 464        | 431   | 431,  | 1719         | 46         | 'n            | Sequence 100, App | 75         | 544,         | 544,       | 466,                | 6, Ap             | Sequence 56, Appl  | Sequence 1058, Ap     |
|-------------------|--------------------|--------------|-------------------|-------------------|-------------------|--------------|-------------------|---------------------|-------|--------------------|-----------|--------------|------------|------------|-----------|-------|-----|------------|-------|-------|--------------|------------|---------------|-------------------|------------|--------------|------------|---------------------|-------------------|--------------------|-----------------------|
| US-09-813-333-78  | 3 US-10-044-703-78 |              |                   | US-09-891-823-136 | Þ                 | US-10        |                   | 5 US-10-601-953-474 | US-10 | 4 US-10-075-846-33 | US-10-601 | 10-601-      | US-10-245- | US-10-253- | US-10-601 | US-10 |     | US-10-601- | US-10 | US-10 | 10-225-      | US-10-601- | US-10-113-573 | US-10-0           | US-10-411- | US-10-245-   | US-10-253- | 5 US-10-601-953-466 | 4 US-10-047-403-6 | 6 US-10-714-353-56 | 0 US-09-572-404B-1058 |
| 6 0               | 100                | ٦            | ٦,                | 6 0.              | ٦                 | ۲            | 7                 | -                   | -     | Н                  | .a<br>11  | 3            | 4          | 4          | 4         | 5     | H   | Н          | 9     | -     | Н            | -          | -             | _                 | 1          | <del>-</del> | н          | _                   | H                 | -                  | ē 0                   |
| 14 29 29.0 2      | 15 29 29.0 2       | 16 29 29.0 2 | 17 28.5 28.5 2    | ~                 | 19 28 28.0 1      | 20 28 28.0 1 | 21 28 28.0 1      | 22 28 28.0 1        | 8 2   | 8                  | 8         | 26 28 28.0 1 | 8          | 8          | 8         | 8     | 8   | 8          | 8     | 8     | 35 28 28.0 1 | 8          | 8             | 38 28.0 1         | 8          | 40 28 28.0 1 | 8          | 8                   | 8                 | 44 28 28.0 2       | 7 2                   |
|                   |                    |              |                   |                   |                   |              |                   |                     |       |                    |           |              |            |            |           |       |     |            |       |       |              |            |               |                   |            |              |            |                     |                   |                    |                       |

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Sequence 82, Application US/10354240

Sequence 82, Application No. US20030185847A1

SEQUENCE 82, Application No. US20030185847A1

GENERAL INFORMATION:

APPLICANT: Sone, Toshio

APPLICANT: Wame, Akinori

APPLICANT: Iwama, Akinori

APPLICANT: Iwama, Akinori

APPLICANT: Iwama, Akinori

TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise

TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise

TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise

TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise

TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise

TITLE OF INVENTION WIMBER: US/10/354,240

CURRENT APPLICATION NUMBER: US 09/142,524

PRIOR APPLICATION NUMBER: US 09/142,524

PRIOR FILING DATE: 1998-09-09

NUMBER OF SEQ ID NOS: 174

SEQ ID NO 8: 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; LOCATION: (1). (15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 68
US-10-354-240-82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: MISC_FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
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6 POLTKNAGVLTCILS 20

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APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Mama, Akiko
APPLICANT: Mama, Akiko
APPLICANT: Mama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise
FILE REFERENCE: SPO-103D1
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT APPLICATION NUMBER: US/10/354,240
PRIOR APPLICATION NUMBER: US 09/142,524
PRIOR PILING DATE: 1998-090
NUMBER OF SEQ ID NOS: 174
SOPTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING THREE NOVEL HUMAN CELL SURFACE PROTEINS TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING THREE NOVEL HUMAN CELL SURFACE PROTEINS TITLE OF INVENTION: THEREOF TITLE OF INVENTION: THEREOF TITLE OF INVENTION: THEREOF FILE REFERENCE: D0153 NP CURRENT APPLICATION NUMBER: US/10/193,477

CURRENT FILING DATE: 2002-07-11

PRIOR APPLICATION NUMBER: US 60/304,888

PRIOR FILING DATE: 2001-07-11

PRIOR FILING DATE: 2001-07-11

PRIOR FILING DATE: 2001-07-12
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                         1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; LOCATION: (1) [15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 66
US-10-354-240-80
                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 43;
Pred. No.
                                                                                                                                                                                                                        ; Sequence 80, Application US/10354240; Publication No. US20030185847A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 39, Application US/10193477; Publication No. US20030195163A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          30.5%;
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80.0%;
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SOFTWARE: PatentIn version 3.1
91.78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 91.7
Matches 11; Conservative
                                                                     TKNAGVLTCILS 20
                                                                                                              TKNAGVLTCSLS 12
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6 NGNATPOLTK 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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US-10-193-477-39
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LENGTH: 15
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LENGTH: 18
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                                                                                                                                                                     APPLICANT: Sone, Toshio
APPLICANT: Sone, Toshio
APPLICANT: Kime, Akinori
APPLICANT: Kime, Akinori
APPLICANT: Ivana, Akiko
APPLICANT: Ivana, Son-103D1
CURRENT SPO-103D1
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT APPLICATION NUMBER: US/10/374,00740
PRIOR FILING DATE: 1997-03-10
PRIOR FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kume, Akinori
APPLICANT: Nama, Akinori
APPLICANT: Iwama, Akinori
APPLICANT: Iwama, Akinori
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REFERENCE: SPO-103D1
FILE REFERENCE: SPO-103D1
FILE REFERENCE: SPO-103D1
FILE REFERENCE: 2003-01-29
PRIOR FILING DATE: 2003-01-29
PRIOR FILING DATE: 1997-03-10
PRIOR FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: MISC_FEATURE
COCATION: (1)...(15)
US-10-354-240-81
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OTHER INFORMATION: Cryjl peptide, Figure 1, Row 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            54.0%; Score 54;
                                                                                                     Sequence 81, Application US/10354240 Publication No. US20030185847A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 83, Application US/10354240 Publication No. US20030185847A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Cryptomeria japonica
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1 POLTKNAGVLTCSLS 15
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Best Local Similarity 86.7°
Matches 13; Conservative
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                                                                                       US-10-354-240-81
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LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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TYPE: PRT

ORGANISM: Arabidopsis Thaliana

OTHER INFORMATION: Sequence located in DAD1. at 61-70 and may interact with US-09-572-2708-451
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 451, Application US/09572270A
Publication No. US20030148368A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Proteom Ltd
TITLE OF INVENTION: Inter- complementary peptide listing
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/572,270A
CURRENT FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 1144
SOFTWARE: ProtPatent version 1.0
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PAPLICATION NUMBER: PCT/US01/00661
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2000-06-30

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US-09-864-761-48069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               30.0%; Score 30; DB 9; 1 54.5%; Pred. No. 9.5e+02;
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Matches 5; Conservative
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Best Local Similarity 54.5
Matches 6; Conservative
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ORGANISM: Homo sapiens
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LENGTH: 10
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| Sequence 48069, Application US/09864761
| Patent No. US20020048763A1
| GENERAL INFORMATION:
| APPLICANT: Rank, David R.
| APPLICANT: Hanzel, David R.
| TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY FILLE APPLICATION NUMBER: US/09/864,761
| CURRENT APPLICATION NUMBER: US 60/180,312
| PRIOR APPLICATION NUMBER: US 60/207,456
| PRIOR FILING DATE: 2000-05-26
| PRIOR FILING DATE: 2000-08-03
| PRIOR FILING DATE: 2000-08-03
| PRIOR FILING DATE: 2000-08-03
| PRIOR PLICATION NUMBER: US 60/236,359
| PRIOR PLICATION NUMBER: US 60/236,359
| PRIOR PLICATION NUMBER: US 60/236,359
| PRIOR FILING DATE: 2000-09-27
| PRIOR PLICATION NUMBER: PCT/USO1/00666
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               4; Indels
            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 6321
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6027
LENGTH: 15
                                                                                                                                                                                                                                                                                 Sequence 6027, Application US/10107532
Publication No: US20040003418A1
GENERAL INFORMATION:
APPLICANT: Agensy, Inc.
APPLICANT: Agensy, Inc.
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ARPQ---DSGTYTCVAS 18
                                                                         4 AAPQLTKNAGVLTCILS 20
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            7; Conservative
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US-10-107-532-6027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-864-761-48069
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         Matches
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Sequence 29970, Application US/10029386
Publication No. US20030194704A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Rank, David R.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE CURRENT APPLICANTION NUMBER: US/10/029,386
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT PILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SEQ ID NOS: 34288
SEQ ID NOS: 34288
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Sequence 22, Application US/09847539A

Parent No. US20020061306A1

GENERAL INFORMATION:

APPLICANT: Block, Lars H

APPLICANT: Block, Lars H

TITLE OF INVENTION: STREPTOCOCCAL ALPHA ZM BINDING PROTEIN

TITLE OF INVENTION: STREPTOCOCCAL ALPHA ZM BINDING PROTEIN

TITLE OF INVENTION: UNMERS: US/09/847,539A

CURRENT APPLICATION NUMBER: US/09/847,539A

CURRENT PILING DATE: 2001-05-01

NUMBER OF SEQ ID NOS: 30

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 29; DB 14; Length 18;
Pred. No. 1.2e+03;
0; Mismatches 6; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: MAP TO CHR22_119.0
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.55
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.45
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.51
         INCREASING BONE MINERALIZATION
TITLE OF INVENTION: INCREASING BONE MINES FILE REFERENCE: 240083.508C2
CURRENT APPLICATION NUMBER: US/10/463,190
CURRENT FILING DATE: 2003-06-16
NUMBER OF SEQ ID NOS: 143
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 73
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ORGANISM: Artificial Sequence
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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US-10-029-386-29970
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                                                                                                                                                                                  LENGTH: 17
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APPLICANT: Selz, Karen
APPLICANT: Selz, Karen
APPLICANT: Shlesinger, Michael
APPLICANT: Shlesinger, Michael
TITLE OF INVENTION: Algorithmic Design of Peptides for Binding and/or Modulation of t
TITLE OF INVENTION: Algorithmic Design of Receptors and/or Other Proteins
FILE REFERENCE: 01561-0002-CPUSGI,
CURRENT APPLICATION NUMBER: US/09/767,460
CURRENT FILIG DATE: 2001-01-23
NUMBER OF SEQ ID NOS: 96
SOFTWARE: Patentin version 3.0
SEQ ID NO 25
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                     ) ORGANISM: Arabidopsis Thaliana
; OTHER INFORMATION: Sequence located in DAD2. at 61-70 and may interact with
US-09-572-270A-455
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                                                    Sequence 455, Application US/09572270A
Sequence 455, Application US/09572270A
GENERAL INFORMATION:
APPLICANT: Proteom Ltd
TILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/572,270A
CURRENT FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 1144
SOFTWARE: ProtPatent version 1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 10;
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Publication No. US2004009535A1
GENERAL INFORMATION:
APPLICANT: Brunkow, Mary E.
APPLICANT: Galas, David J.
APPLICANT: Rovacevich, Brian
APPLICANT: Willigan, John T.
APPLICANT: Paeper, Bryan W.
APPLICANT: Wan Nees, Jeffrey
APPLICANT: Winkler, David G.
TITLE OF INVENTION: COMPOSITIONS AND MEHTODS FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 29; DB 10;
Pred. No. 6.4e+02;
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
29.0%;
Best Local Similarity 71.4%;
Matches 5; Conservative
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Matches 6; Conserv
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1 SGVLSCI 7
                                            US-09-572-270A-455
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US-10-463-190-73
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| Sequence 78, Application US/10044703
| Sequence 78, Application US/10044703
| Publication No. US20020192233A1
| GENERAL INFORMATION:
| APPLICANT: DeGroot, Anne S
| TITLE OF INVENTION: Human T Cell Response to MHC-Binding Motif Clusters
| FILE REFERENCE: 17999-004 US
| CURRENT APPLICATION NUMBER: US/10/044,703
| CURRENT FILING DATE: 2002-05-20
| PRIOR APPLICATION NUMBER: 60/190,834
| NUMBER OF SEQ ID NOS: 81
| SEQ ID NOS: 81
| SEQ ID NO ?
                                                                                                                                                                                                                                                                                                                  ; Sequence 78, Application US/09813333
; Patent No. US20020119160A1
; Patent No. US20020119160A1
; GENERAL INFORMATION:
; APPLICANT: DeGroot, Anne S
; TITLE OF INVENTION: Human T Cell Response to MHC-Binding Motif Clusters
; FILE REFERENCE: 17999-004 US
; CURRENT APPLICATION NUMBER: US/09/813,333
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/190,834
; PRIOR PLING DATE: 2000-03-20
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
LIENGTH: 20
                                                                                                                                           Gaps
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Pred. No. 1.4e+03;
4; Mismatches 4; Indels
                                                                                               Score 29; DB 9; Length 19;
Pred. No. 1.3e+03;
2; Mismatches 4; Indels
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Pred. No. 1.4e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
, ORGANISM: Mycobacterium tuberculosis
US-09-813-333-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT
; ORGANISM: Mycobacterium tuberculosis
US-10-044-703-78
                TYPE: PRT
ORGANISM: Streptococcus pyogenes
                                                                                             Query Match
Best Local Similarity 45.5%;
Matches 5; Conservative 2
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Best Local Similarity 42.9%;
Matches 6; Conservative
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3 ELKTNSSLLTSILT 16
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3 ELKTNSSLLTSILT 16
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7 PRIIPNGGTLT 17
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Best Local Similarity
Matches 6; Conserv
                                         , ORGANISM: Stre
US-09-847-539A-22
                                                                                                                                                                                                                                                                                RESULT 14
US-09-813-333-78
LENGTH: 19
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Search completed: February 1, 2005, 08:27:18

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Sequence Sequence Sequence Sequence Sequence Sequence

Sequence

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Sequence Sequence

Sequence

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L. L. CANT. Griffeth, Irwin J.;

APPLICANT: Griffeth, Irwin J.;
APPLICANT: Bond, Julian F.;
APPLICANT: Bond, Julian F.;
APPLICANT: Garman, Richard D.;
APPLICANT: Wow, Mei-Chang;
APPLICANT: Aroue, Mei-Chang;
APPLICANT: Brauer, Andrew;
APPLICANT: Powers, Steven P.;
APPLICANT: Andrew;
APPLICANT: Andrew;
APPLICANT: Brauer, Andrew;
APPLICANT: Allergenic Proteins And Peptides From TITLE OF INVENTION: Japanese Cedar Pollen
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSEE: ImmuLogic Pharmaceutica:
ADDRESSEE: ImmuLogic Pharmaceutica:
ADDRESSEE: Maltham
STATE: MA
CULTY: Waltham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: June 6, 1995
CLASSIFICATION NUMBER: 08/350,225
PRIOR APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane E. Remillard
REGISTRATION NUMBER: 38,872
REFERENCE/DOCKET NUMBER: 38,872
REGISTRATION NUMBER: 38,872
REGISTRATION NUMBER: 025.6 USD2 (IMI-028CPD2)
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
ALIGNMENTS
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INFORMATION FOR SEQ ID NO: 59.
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: peptide
FRAGMENT TYPE: peptide
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                                                                                                                     February 1, 2005, 07:38:44; Search time 18.4286 Seconds (without alignments) 71.973 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 59
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
                 GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-142-524D-82
US-09-142-524D-83
US-08-467-023-60
US-08-467-023-60
US-08-467-023-19
US-08-467-023-19
US-08-77-061-724C-5
US-08-77-061-724C-5
US-08-70-604-4
US-09-490-7028-25
US-08-340-283-101
US-10-102-52-18
US-10-102-52-431
US-10-112-123-431
                                                                                                                                                                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-899-279-6
US-08-899-279-6
US-09-178-093B-6
                                                                                                                                                                                                                                                                                                                                      478139 seqs, 66318000 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                            - protein search, using sw model
                                                                                                                                                                                                                         100
1 NGSAAPQLTKNAGVLTCILS 20
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Match Length
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                                                                                                                                                                                                                         Perfect score:
Sequence:
                                                                                                                                                                                                                                                                                  Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score
                                                                                          OM protein
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                                                                                                                               Run on:
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No.
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TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise FILE REFERENCE: SPO-103
CURRENT APPLICATION WUMBER: US/09/142,524D
CURRENT FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: PCT/JD97/00740
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 83
                                                                                                                       Gaps
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APPLICANT: Griffeth, Irwin J.;
APPLICANT: Bonlock, Joanne;
APPLICANT: Bond, Julian F.;
APPLICANT: Garman, Richard D;
APPLICANT: Garman, Richard D;
APPLICANT: Yeung, Siu-mei H.;
APPLICANT: Brauer. Andrew;
APPLICANT: Brauer. Andrew;
APPLICANT: Brauer. Andrew;
APPLICANT: Powers, Stewen P.;
TITLE OF INVENTION: Allergenic Proteins And Peptides From TITLE OF INVENTION: Japanese Cedar Pollen
                                                                     Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 15;
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                                                                                                                       1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (1).7(15)
CTHER INFORMATION: Cryjl peptide, Figure 1, Row 69
US-09-142-524D-83
OTHER INFORMATION: Cryjl peptide, Figure 1, Row 67
                                                                     Score 67; DB 4; I
Pred. No. 4.5e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 54; DB 4;
Pred. No. 0.008;
0; Mismatches
                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                . Sequence 83, Application US/09142524D ; Patent No. 6719976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 60, Application US/08467023
; Patent No. 6090386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   54.0%;
91.7%;
                                                                   Query Match
Best Local Similarity 86.7%;
Matches 13; Conservative
                                                                                                                                                                                                 1 NGNATPQLTKNAGVL 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             610 Lincoln St
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               9 TKNAGVLTCILS 20
                                                                                                                                                                                                                                                                                                                                                                        FACELL NO. CONTROL OF THE SENERAL INFORMATION:
APPLICANT: Kume, Akinori
APPLICANT: Dairiki, Kazu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS: ADDRESSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Iwama, Akiko APPLICANT: Kino, Kohsuke
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: MISC_FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Waltham
         ; CALCASTON ... US-09-142-524D-81
                                                                                                                                                                                                                                                                                                               US-09-142-524D-83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 5
US-08-467-023-60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
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Batent No. 6719976

GENERAL INFORMATION:
APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Iwama, Akinori
APPLICANT: Iwama, Akiko
APPLICANT: SPO-103
CURRENT APPLICANTON NUMBER: US/09/142,524D
CURRENT PILING DATE: 1997-03-10
PRIOR APPLICANTON NUMBER: PCT/JP97/00740
                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Mama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
TITLE OF INVENTION NUMBER: US/09/142,524D
CURRENT APPLICATION NUMBER: US/09/142,524D
FRIOR APPLICATION NUMBER: PCT/JP97/00740
RIGHT APPLICATION NUMBER: PCT/JP97/00740
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                                               Length 20;
                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; LOCATION: (1)...(15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 68
(18-09-142-24D-82
                                               Query Match 87.0%; Score 87; DB 3; I Best Local Similarity 85.0%; Pred. No. 2.2e-08; Matches 17; Conservative 1; Mismatches 2.
                                                                                                                                                                                                                                                                                                            Sequence 82, Application US/09142524D Patent No. 6719976 GENERAL INFORMATION:
                                                                                                                                             1 NGSAAPOLTKNAGVLTCILS 20
                                                                                                                                                                                          1 NGNATPOLTKNAGVLTCSLS 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Cryptomería japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 81
LENGTH: 15
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NAME/KEY: MISC_FEATURE
LOCATION: (1)..(15)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: MISC FEATURE LOCATION: (1)...(15)
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Best Local Similarity
  US-08-467-023-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 82
LENGTH: 15
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Gaps
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                                                                                                                                                                                                                                          APPLICANT: Pollock, Joanne, APPLICANT: Pollock, Joanne, APPLICANT: Bond, Julian F.; APPLICANT: Garman, Richard D; APPLICANT: Garman, Richard D; APPLICANT: Kuo, Mei-Chang, APPLICANT: Yeung, Siu-mei H.; APPLICANT: Brauer, Andrew; APPLICANT: Brauer, Mark A.; APPLICANT: Brauer, Brewer, Steven P. TITLE OF INVENTION: Allergenic Proteins And Peptides From TITLE OF INVENTION: Japanese Cedar Pollen NUMBER OF SEQUENCES: 261
CORRESPONDENCES: 261
ADDRESSEE: Immulogic Pharmaceutical Corporation, Inc. STREET: 610 Lincoln St
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 3; Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTE: MA
ZIP: USA
ZIP: USA
ZIP: 02154
COMPUTER READABLE FORM:
MEDIUM TYBE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: Unne 6, 1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane E. Remilland
REGISTRATION NUMBER: 38,872
REPERRINCE/POCKET NUMBER: 38,872
REPERRINCE/POCKET NUMBER: 38,872
REPERRINCE/FOCKET NUMBER: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         43.0%; Score 43; DB 3
80.0%; Pred. No. 0.7;
tive 1; Mismatches
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MOLECULE TYPE: peptide
FRAGWENT TYPE: internal
ORGANISM: Cryptomeria japonica
US-08-467-023-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 58, Application US/08467023;
Patent No. 6090386
GENERAL INFORMATION:
APPLICANT: Griffeth, Irwin J.;
APPLICANT: Bollock, Joanne;
APPLICANT: Garman, Richard D;
                                                                                                                      Sequence 19, Application US/08467023
                                                                                                                                                                                                           Griffeth, Irwin J.;
Pollock, Joanne;
Bond, Julian F.;
Garman, Richard D;
Kuo, Mei-Chang;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 80.0
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7 NGNATPOLTK 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Waltham
                                                                                    US-08-467-023-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-467-023-58
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APPLICANT: Lamma, Akinori
APPLICANT: Lamma, Akinori
APPLICANT: Lamma, Akiko
APPLICANT: Lamma, Akiko
APPLICANT: Lamma, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REFERENCE: SPO-103
FULNE REFERENCE: SPO-103
FULNG APPLICATION NUMBER: DCT/JD97/00740
PRIOR APPLICATION NUMBER: PCT/JD97/00740
PRIOR APPLICATION NUMBER: PCT/JD97/00740
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 80
LENGTH: 15
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Best Local Similarity 90.0%; Pred. No. 0.37;
Matches 9; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  43.0%; Score 43; DB 4; Length 15; 80.0%; Pred. No. 0.65; 1; Indels rative 1; Mismatches 1; Indels
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CORPERATIOS SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,023
FILING DATE: June 6, 1995
CLASSIFICATION: DATA:
APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane E. Remillard
REFERENCE/DOCKET NUMBER: 025.6 USD2 (IMI-028CPD2)
TELECOMMUICATION INFORMATION:
TELECOMMUICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-7400
TELEFAX: (617) 227-75941
INFORMATION FOR SEQ ID NO: 60: SEQUENCE CHARACTERISES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            025.6 USD2 (IMI-028CPD2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LOCATION: (1). (15)
; OTHER INFORMATION: Cryjl peptide, Figure 1, Row 66
US-09-142-524D-80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 80, Application US/09142524D Patent No. 6719976 GENERAL INFORMATION: APPLICANT: Sone, Toshio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : 13 amino acids
amino acid
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-08-467-023-60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        11 NAGVLTCILS 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 NAGVLTCSLS 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6 NGNATPOLTK 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 8; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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IMMUNOGENIC PEPTIDE SEQUENCE OF
BEHTHOCOCCUS GRANULOSUS, DNA SEQUENCE CODING FOR THIS
PEPTIDE SEQUENCE AND DIAGNOSTIC AND THERAPEUTIC
APPLICATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-07-961-724C-5

is Sequence 5, Application US/07961724C

patent No. 5441078

GENERAL INFORMATION:
APPLICANT: FACON, BRIGITTE
APPLICANT: CHAMERH, MUSTAPHA
APPLICANT: CAPRON, ANDRE
APPLICANT: CAPRON, ANDRE
TITLE OF INVENTION: IMMUNOGENIC PEPTIDE SEQUENCE CO
TITLE OF INVENTION: PEPTIDE SEQUENCE CO
TITLE OF INVENTION: PEPTIDE SEQUENCE CO
TITLE OF INVENTION: PEPTIDE SEQUENCE AND DIAGNOSTIC AND THER.
TITLE OF INVENTION: APPLICATIONS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: FALABABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/961,724C
FILING DATE: 10-MAR-1993
CLASSIFICATION: 435
PCLASSIFICATION DATA:
APPLICATION NUMBER:

                     CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/773,008
FILING DATE: 24-DEC-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/354,815
FILING DATE: 09-DEC-1994
APPLICATION NUMBER: US 08/354,815
FILING DATE: 09-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: 37,971
REGISTRATION NUMBER: 37,971
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAK: 202-628-5197
THELEFRAK: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
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80.0%;
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Best Local Similarity 80.v
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TELEX: 248633
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: peptide US-08-773-008-4
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0
                                                                                                                   APPLICANT: EXIEV, Mark A.;
APPLICANT: EXIEV, Mark A.;
APPLICANT: Powers, Steven P.
TITLE OF INVENTION: Allergenic Proteins And Peptides From
TITLE OF INVENTION: Japanese Cedar Pollen
CORRESPONDENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSEE: ImmuLogic Pharmaceutical Corporation, Inc.
STREET: 610 Lincoln St
CITY: Waltham
STATE: MA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PROCESS TO PRODUCE THE SAME,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZUPINIOLIS OF STREET BY COMPUTER READABLE FORM;
MEDIUM TYPE: Floppy disk COMPUTER READABLE FORM;
MEDIUM TYPE: Floppy disk COMPUTER: BALFOLDS WAS-DOS SOFTWARE: PATENTIN FLORS #1.0, Version #1.25 CURRENT APPLICATION DATH:
APPLICATION NUMBER: US/08/467,023 FLING DATE: Unne 6, 1995
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/350,225
FILING DATE: December 6, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane E. Remillars 38,872
REPERENCE/DOCKET NUMBER: 38,872
REPERENCE CHARACTER STICS:
SEQUENCE CHARACTER STICS:
SEQUENCE CHARACTER STICS:
SEQUENCE CHARACTER STICS:
CHAR
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; Sequence 4, Application US/08773008
; Patent No. 5874401
; APPLICANT: SANOW, Osamu
; APPLICANT: HINO, Katsuhiko
; TITLE OF INVENTION: PROTEIN, PROCESS TO PRODUCE
; TITLE OF INVENTION: AND USES THEREOF
NUMBER OF SEQUENCES: SCORRESPONDENCE ADDRESSE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
STATE: D.C.
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 43; DB
Pred. No. 0.91
1; Mismatches
Kuo, Mei-Chang;
Yeung, Siu-mei H.;
Brauer, Andrew;
Exley, Mark A.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               43.0%;
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Best Local Similarity 80.0
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 NGSAAPQLTK 10
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-467-023-58
                                                                                          APPLICANT
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Gaps

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APPLICANT: Selz, Karen
APPLICANT: Selz, Karen
APPLICANT: Shlesinger, Michael
APPLICANT: Shlesinger, Michael
TITLE OF INVENTION: Algorithmic Design of Peptides for Binding and/or Modulation of
TITLE OF INVENTION: Functions of Receptors and/or Other Proteins
FILE REPERENCE: 01561-0002-000US00
CURRENT APPLICATION NUMBER: US/09/490,702B
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 96
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 12, Application US/08837226
Patent No. 6043216
GENERAL INFORMATION:
APPLICANT: Lieske, John C.
TITLE OF INVENTION: AND TREATING KIDNEY DISEASES ASSOCIATED WITH ADHESION OF TITLE OF INVENTION: CRYSTALS TO KIDNEY CELLS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSE: BAINKS, HOFER, GILSON & LIONE
STREET: NBC Tower - Suite 3600, 455 N. Cityfront
STREET: Placa Drive
CITY: Chicago
STATE: Illinois
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Pred. No. 1.3e+02;
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Pred. No. 1.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 . 1.7e+02;
                                                                                                                                                                                                                             2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Mismatches
                                                                                                                                                                                                                                                                                                                                                          RESULT 12
US-09-490-702B-25
' Sequence 25, Application US/09490702B
' Patent No. 6560542
                                                                                                                                                                                       30.0%;
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAMMAKEY: misc feature
OTHER INFORMATION: synthetic
US-09-490-7028-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 60611-5599
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                               ; FRAGMENT TYPE: N-terminal US-08-160-604-4
     LENGTH: 17 amino acids
                                                                                                                                                                                     30.0
Best Local Similarity 50.0
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 60.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION: APPLICANT: Mandell, Arnold
                                          single
                                                                       MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                       8 LTKNAGVLTC 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 SAAPQLTKNA 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5 SADPRIHKNA 14
                         TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                   2
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                                                                                              HYPOTHETICAL:
ANTI-SENSE: N
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LENGTH: 15
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Pred. No. 1.1e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARES PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/160,604
FILING DATE: US-NOV-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/867,819
FILING DATE: 13-APR-1992
PRIOR APPLICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/648,205
FILING DATE: 31-APN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/472,947
             NAME: Oblon, No. 5541078man P.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET UNBER: 660-065-0X PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEFAX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                              1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Georgia
COUNTRY: USA
ZIP: 30309-4530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/472,947
FILING DATE: 31-JAN-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: PADST, PATREA L. REGISTRATION NUMBER: 31,284 REFERENCE/DOCKET NUMBER: OM TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                          30.0%;
85.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (404)-815-6508
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 55410781
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (404)-815-6555
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                        LENGTH: 14 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                6; Conservative
                                                                                                                                                                                                                                                                             HYPOTHETICAL: NÖ -
ANTI-SENSE: NO
FRAGMENT TYPE: internal
                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                     4 AAPQLTK 10
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                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                   US-07-961-724C-5
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Patent No. 6482934

GENERAL INFORMATION:
GENERAL INFORMATION:
FOR APPLICANT: TOBACK, F. GARY

APPLICANT: TOBACK, F. GARY

APPLICANT: LIESKE, JOHN C.

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTING AND TREATING

TITLE OF INVENTION: METHODS ASSOCIATED WITH ADHESION OF CRYSTALS TO

TITLE OF INVENTION: KIDNEY CELLS

FILE REFERENCE: 21459/90606

CURRENT APPLICATION NUMBER: US/09/537,226

CURRENT APPLICATION NUMBER: 08/389,005

PRIOR PILING DATE: 1995-02-15

NUMBER OF SEQ ID NOS: 23

SOFTWARE: PATENTIN VET: 2.1

SEQ ID NO 18

LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) OTHER INFORMATION: Description of Unknown Organism: Comparison ; OTHER INFORMATION: sequence US-09-537-226-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 28.5; DB 3; Length 20;
Pred. No. 3e+02;
2; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 28.5%; Score 28.5; DB 4; Length 20; Best Local Similarity 53.3%; Pred. No. 3e+02; Matches 8; Conservative 2; Mismatches 4; Indels
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COGTAME: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,226
FILING DATE: 08-APR-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/389,005
FILING DATE: 15-FBE-1995
ATTORNEY AGENT INFORMATION:
NAME: Martin, Alice O.
REGISTRATION NUMBER: 35,601
REFERENCE/DOCKET NUMBER: 35,601
REFERENCE/DOCKET NUMBER: 7814/24
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-321-4299
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: maino acids
TYPE: MAINEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              28.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 GSAAPQ-LTKNAGVL 15
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GATLPQPLYQTAGVL 20
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GATLPQPLYQTAGVL 20
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Best Local Similarity 53.3x
Best Local 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -09-537-226-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-837-226-12
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RESULT 15 US-08-340-283-101 ; Sequence 101, Application US/08340283

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Gaps
GENERAL INFORMATION:
APPLICANT: EIHAMMER, Ake P.
TITLE OF INVENTION:
A SCINTILIATION PROXIMITY ASSAY FOR
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 205
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pharmacia and Upjohn, Inc., Intellect. Prop. Law
ADDRESSEE: (1920-32-1)
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Pred. No. 3.8e+05;
                                                                                                                                                                                                                                                     ZIP: 49001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: DEAPT COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/340,283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Search completed: February 1, 2005, 07:52:29 Job time: 19.4286 secs
                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION: 436
ATTORNEY FAGENT INFORMATION:
NAME: WOOTLON, Thomas A.
REGISTRATION NUMBER: 35,004
REFERENCE/DOCKET NUMBER: 4828
TELECHONE: (616) 385-7914
TELEPHONE: (616) 385-7914
TELEPHONE: (616) 385-7914
TELERX: 224401
; INFORMATION FOR SEQ ID NO: 101:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
                                                                                                                                                                                STREET: 301 Honrietta Street
CITY: Kalamazoo
STATE: Michigan
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           28.0%;
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Matches 5, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5 APQLTKNAG 13
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Query Match
Best Local Simil
Matches 11; C
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Sequence 93, Appl
Sequence 95, Appl
Sequence 40, Appl
Sequence 2, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 12, Appli
Sequence 12, Appli
                                                      February 1, 2005, 07:47:50 ; Search time 61.1429 Seconds (without alignments) 118.179 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Description
                                                                                                                                                                                                                                                                                            GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-354-240-94
US-10-354-240-93
US-10-354-240-95
US-09-820-549A-40
US-09-864-761-48864
US-10-79-890-2
US-10-79-890-2
US-10-688-100-12
US-10-689-10-12
US-10-656-350-12
US-10-368-350-13
US-10-368-350-13
US-10-368-350-13
                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                        1608061 seqs, 361289386 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SUMMARIES
                                                                                                                                                                                                                                                                                       Published_Applications_AA:*
                                                                                                                                                                                                                                              Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                       - protein search, using sw model
                                                                                                            115
1 FFVNNLVFRGPCQPHLPFKV 20
                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext 0.5
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Query
Match Length D
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115
115
115
116
116
117
118
        Copyright
                                                                                                                                                                                                                seq length: 0
seq length: 20
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335.7
333.0
332.2
331.3
301.3
                                                                                                             Perfect score:
                                                                                                                                           Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Minimum DB 8
Maximum DB 8
                                       OM protein
                                                                                                                        Sequence:
                                                                                                                                                                        Searched:
                                                                                                                                                                                                                                                                                       Database
                                                          Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Result
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Sequence 16, Appl
Sequence 16, Appl
Sequence 203, Appl
Sequence 23, Appl
Sequence 25, Appl
Sequence 55, Appl
Sequence 56, Appl
Sequence 57, Appl
Sequence 57, Appl
Sequence 15, Appl
Sequence 116, Appl
Sequence 116, Appl
Sequence 127, Appl
Sequence 211, Appl
Sequence 211, Appl
Sequence 579, Appl
Sequence 579, Appl
Sequence 579, Appl
Sequence 579, Appl
Sequence 32, Appl
Sequence 32, Appl
Sequence 32, Appl
Sequence 33, Appl
Sequence 33, Appl
Sequence 33, Appl
Sequence 11, Appl
Sequence 25, Appl
          Sequence 1
Sequence 1
                                                              US-09-741-171-5

US-10-474-955-23

US-09-731-221-55

US-09-731-221-57

US-09-731-221-57

US-09-731-221-57

US-10-253-286-55

US-10-253-286-55

US-10-265-478-868

US-10-265-478-868

US-10-265-478-868

US-10-661-207-3

US-09-844-767A-211

US-09-844-767A-211

US-09-791-378-279
US-10-325-375A-10

US-10-325-375A-11

US-10-325-375A-12

US-10-322-210-16

US-10-362-443-16

US-10-365-527-75

US-10-161-791-203
                                                                                                                                                                                                                   US-10-285-394-326
US-10-285-394-326
US-10-31-540-3
US-10-10-31-323
US-10-396-964-10
US-10-396-964-11
US-09-963-339-10
US-10-145-586-59
                                                                                                                                                                                                  US-09-791-377-579
US-09-126-559-10
                                                                                                                                                                                                                                                                                                US-09-735-705-250
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## ALIGNMENTS

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US-10-394-240-39

Sequence 94, Application US/10354240

Sequence 94, Application No. US2000188847A1

Sequence 94, Application No. US2000188847A1

GENERAL INFORMATION:

APPLICANT: Sone, Toshio

APPLICANT: Kume, Akinori

APPLICANT: Kume, Akinori

APPLICANT: Kino, Kohsuke

TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise

FILE REFERENCE: SPO-103D1

CURRENT PLIJNG DATE: 1997-00-10

PRIOR PELICATION NUMBER: US/10/354,240

CURRENT FILING DATE: 2003-01-29

PRIOR PELICATION NUMBER: US/10/97/00740

PRIOR FILING DATE: 1998-09-09

NUMBER OF SEQ ID NOS: 174

SEQ ID NO 94

LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             58.3%; Score 67; DB 14; Length 15;
llarity 73.3%; Pred. No. 0.0027;
Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            i LOCATION: (1). (15)
i OTHER INFORMATION: Cryj2 peptide, Figure 2, Row
US-10-354-240-94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: MISC_FEATURE
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Gaps

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Sequence

Similarity

5 NLVFRGPCOPHLPFK

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Sequence 48864, Application US/09864761

Patent No. US20020048763A1

GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Hansel, David R.
APPLICANT: Hansel, David K.
APPLICANT: Chen, Wenshenge
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
                                                                                                                                                                                                                                   Sequence 40, Application US/09829549A

Fatent No. US20020052484A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: PHAGE DISPLAY SELECTION OF ANTI FUNGAL PEPTIDES
FILE REPERBNCE: UNO 1521.1

CURRENT FELLING DATE: 2001-04-10

FRIOR APPLICATION NUMBER: US/09/829,549A

CURRENT FILING DATE: 2000-04-10

FRIOR PILING DATE: 2000-04-10

NUMBER OF SEQ ID NOS: 48

SOFTWARE: PATENTING DATE: 2000-04-10

NUMBER OF SEQ ID NOS: 48

SOFTWARE: PATENTING DATE: 2000-04-10

NUMBER OF SEQ ID NOS: 48

SOFTWARE: PATENTING DATE: 2000-04-10

SOFTWARE: PATENTING DATE: 2000-04-10

TYPE: PATENTING DATE: 2000-04-10
                          Gaps
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                             Indels
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                             5;
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Pred. No. 26;
0; Mismatches
  Pred. No. 0.13;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TILE REFERENCE: AGOMICA-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR PELICATION NUMBER: US 60/180,312
PRIOR PELING DATE: 2000-02-04
PRIOR PELING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PELING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PELING DATE: 2000-06-03
PRIOR APPLICATION NUMBER: US 60/33,366
PRIOR APPLICATION NUMBER: US 60/336,359
PRIOR PELING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; NAME/KEY: DOMAIN
; LOCATION: (1)...(15)
; OTHER INFORMATION: Random peptide insert
US-09-829-549A-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             35.7%;
85.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
81.8%;
  Best Local Similarity 81.8
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 35.7
Best Local Similarity 85.7
Matches 6; Conservative
                                                                            10 GPCQPHLPFKV 20
                                                                                                                            1 GPCQPHFTFKV 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Mama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
TITLE REPERENCE: SPO-103D1
CURRENT APPLICATION NUMBER: US/10/354,240
CURRENT APPLICATION NUMBER: PCT/JP97/00740
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR APPLICATION NUMBER: US 09/142,524
PRIOR APPLICATION NUMBER: US 09/142,524
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea FILE REFERENCE: SPO-103D1
CURRENT PELLICATION NUMBER: US/10/354,240
CURRENT FILING DATE: 2003-01-29
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR FILING DATE: 1997-03-10
PRIOR PILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
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Pred. No. 0.0079;
0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAME/KEY: MISC FEATURE
LOCATION: (1).7(15)
CTHER INFORMATION: Cryj2 peptide, Figure 2, Row 10
US-10-354-240-93
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OTHER INFORMATION: Cryj2 peptide, Figure 2, Row
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 95, Application US/10354240 Publication No. US20030185847A1 GENERAL INFORMATION:
                                                                                                                         Sequence 93, Application US/10354240 Publication No. US20030185847A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Cryptomeria japonica
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1 NLFFNGPCQPHFTFK 15
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Best Local Similarity 78.07
Local 11, Conservative
                                                                                                                                                                                                                         APPLICANT: Kume, Akinori
APPLICANT: Dairiki, Kazuo
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
                                                                                                                                                                                                      APPLICANT: Sone, Toshio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: MISC FEATURE
LOCATION: (1) ... (15)
                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                  US-10-354-240-93
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LENGTH: 15
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          Sequence 12, Application US/10688100
Fublication No. US20040086512A1
GENERAL INFORMATION:
APPLICANT: ZHANG, Hui
APPLICANT: PONERANZ, Roger
ITILE OF INVENTION: Multimerization of HIV-1 VIF Protein as
TITLE OF INVENTION: Multimerization of HIV-1 VIF Protein as
TITLE OF INVENTION: Multimerization of HIV-1 VIF PROTEIN TITLE OF INVENTION: MUMBER: US/10/688,100
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: US 60/282,270
FRIDR APPLICATION NUMBER: US 10/118,575
PRIOR FILING DATE: 2002-04-06
PRIOR FILING DATE: 2002-04-06
PRIOR FILING DATE: 2002-04-06
SOFTWARE: PASESEQ for Windows Version 4.0
SEQ ID NO 12
LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 32.2%; Score 37; DB 15; Length 12; 75.0%; Pred. No. 85; tive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            32.2%; Score 37; DB 14; Length 16; 53.8%; Pred. No. 1.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Synthetic peptide containing PXP motif
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6, Application US/10304559; Bublication No. US20030143648A1; GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE; APPLICANT: THE SCRIPPS RESEARCH INSTITUTE; APPLICANT: JESSANI, Nadim; APPLICANT: LIU, Yongsheng; TITLE OF INVENTION: ENAYME ACTIVITY PROFILES; FILE REFERENCE: SCRIP1480-1
CURRENT APPLICATION NUMBER: US/10/304,559; CURRENT FILING DATE: 2003-03-14; PRIOR APPLICATION NUMBER: US 60/334,426; PRIOR FILING DATE: 2001-11-29; NUMBER: PAECHIIN VERSION 3.1; SOFTWARE: PAECHIIN VERSION 3.1; SEQID NO 6; SEQID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ladner, Robert C. APPLICANT: Hogan, Shannon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 75.0 Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              7 VFRGPCOPHLPFK 19
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ORGANISM: Homo sapiens
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OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
OTHER INFORMATION: EST_HUMAN HIT: AA761524.1, EVALUE 1.00e-05
US-09-864-761-48864
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Pred. No. 99;
0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 33.0%; Score 38; DB 9; Length 20; Best Local Similarity 77.8%; Pred. No. 99; Matches 7; Conservative 0; Mismatches 2; Indels
PRIOR APPLICATION NUMBER: PCT/USO1/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/USO1/00661

PRIOR APPLICATION NUMBER: PCT/USO1/00670

PRIOR APPLICATION NUMBER: PCT/USO1/00670

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2000-09-21

PRIOR FILING DATE: 2000-09-21

PRIOR FILING DATE: 2000-09-21

PRIOR FILING DATE: 2000-09-21

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 49117

SOFTWARE: Annomax Sequence Listing Engine vere: 1.1
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Publication No. US20040142871A1
GENERAL INFORMATION:
APPLICANT: Shaughnessy, S.
TITLE CF INVENTION: OSTEOPOROSIS TREATMENT
TILE REPERRNCE: MDSP-P04-180
CURRENT FILING DATE: 2004-02-17
PRIOR PILING DATE: 1999-05-19
PRIOR PLLING DATE: 1999-05-19
PRIOR FILING DATE: 2000-11-17
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
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66.7%;
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 6; Conserv
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RESULT 12
US-10-362-527-310
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100.0%; Pred. No. 2e+02;
cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                   , OTHER INFORMATION: Synthetically generated peptide
US-10-656-350-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 104, Application US/10304443
Sequence 104, Application US/10304443
Publication No. US20030170229A1
GENERAL INFORMATION:
APPLICANT: Smithkline Beecham Biologicals s.a.
TITLE OF INVENTION: Vaccine
FILE REFERENCE: B45173CIP
CURRENT APPLICATION NUMBER: US/10/304,443
CURRENT APPLICATION NUMBER: US/05/698,906A
PRIOR FILING DATE: 2001-02-20
APPLICANT: Rookey, Kristin
TITLE OF INVENTION: 10.280-053001
FILE REFERENCE: 10.280-053001
CURRENT APPLICATION NUMBER: US/10/656,350
CURRENT FILING DATE: 2003-09-05
FRIOR PEDING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FASECQ FOR Windows Version 4.0
SOFTWARE: PASECQ FOR Windows Version 4.0
SEQ ID NO 12
LENGTH: 12
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Publication No. US20040142871A1
GENERAL INFORMATION:
APPLICANT: Shaughnessy, S.
APPLICANT: Shaughnessy, S.
TITLE OF INVENTION: OSTEOPOROSIS TREATMENT;
FILE REFERENCE: MDSP-P04-180
CURRENT APPLICATION NUMBER: US/10/779,890
CURRENT FILING DATE: 2004-02-17
PRIOR PELING DATE: 1999-06-19
PRIOR FILING DATE: 1999-06-19
PRIOR FILING DATE: 1009-11-17
PRIOR FILING DATE: 1000-11-17
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SOFTWARE: FastSEQ for Windows Version 3.0
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 5; Conservative
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US-10-779-890-1
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US-10-779-890-1
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Sequence 310, Application US/10362527

Foguence 310, Application US/10362527

Fublication No. US20040030106A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Fitade, Martin
APPLICANT: Turnell, William Gordon
APPLICANT: Turnell, William Gordon
APPLICANT: Turnell, William Gordon
APPLICANT: Turnell, William Gordon
TITLE OF INVENTION: Vaccine Immunogens Comprising Disulphide Bridged Cyclised Peptid
TITLE OF INVENTION: Vaccine Immunogens Comprising Disulphide Bridged Cyclised FILE OF INVENTION: APPLICATION NUMBER: US/10/362,527
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: GB 0020717.5
PRIOR APPLICATION NUMBER: GB 0020717.5
PRIOR APPLICATION OF THE STATES CONTINUED OF THE STATES C
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                                                                                                                                                                                                                                                            Score 35; DB 14;
Pred. No. 1.5e+06;
0; Mismatches 1
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FILE REFERENCE: B45251
CURRENT APPLICATION NUMBER: US/10/415,389
CURRENT APPLICATION NUMBER: US/10/415,389
CURRENT FILING DATE: 2003-04-25
PRIOR PILING DATE: 2001-10-24
PRIOR FILING DATE: 2001-10-24
PRIOR FILING DATE: 2001-10-24
PRIOR FILING DATE: 2001-10-27
NUMBER OF SEQ ID NOS: 34
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 328
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 310
LENGTH: 8
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; SEQ ID NO 104
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Human peptide sequence
US-10-304-443-104
                                                                                                                                                                                                                                                                         30.4%;
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ORGANISM: Artificial Sequence
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Matches 5; Conservative
                                                                                                                                                                                                                                                                     Query Match 30.4
Best Local Similarity 83.3
Matches 5; Conservative
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1 CHPHLP 6
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Gaps

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1; Indels

0; Mismatches

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Search completed: February 1, 2005, 08:27:19 Job time : 62.1429 secs
    5; Conservative
                                             12 CQPHLP 17
                                                                    1 CHPHLP 6
      Matches
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: DEXX Laboratories, Inc.
APPLICANT: Eduton, Robert
TITLE OF INVENTION: Methods and Compositions for Inhibiting Binding of IgE to a High
TITLE OF INVENTION: Affinity Receptor
FILE REFERENCE: MHEND 01-672-E
CURRENT APPLICATION NUMBER: US/10/325,375A
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.2
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 11, Application US/10325375A
Publication No. US20030229021A1
GENERAL INFORMATION:
APPLICANT: IDEX, Laboratories, Inc.
APPLICANT: Krah, Eugene R.
APPLICANT: Lawton, Robert
TITLE OF INVENTION: Methods and Compositions for Inhibiting Binding of IgE to a High
TITLE OF INVENTION: Affinity Receptor
FILE REFERENCE: MBHB-01-672-E
CURRENT APPLICATION NUMBER: US/10/325,375A
CURRENT FILING DATE: 2002-12-20
NUMBER OF SEQ ID NOS: 14
SOPTWARE: Patentin version 3.2
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| COATION: (8)...(8)
| COTHER INFORMATION: Xaa.can be any naturally occurring amino acid
US-10-325-375A-10
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0
                                                              Score 35; DB 16; Length 8; Pred. No. 1.5e+06; 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
; OTHER INFORMATION: Isolated polypeptide that binds to IgE.
US-10-325-375A-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
OTHER INFORMATION: Isolated polypeptide that binds to IgE.
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; OTHER INFORMATION: Human IGE peptide mimotope US-10-415-389-17
                                                                                                                                                                                                                                                                                          Sequence 10, Application US/10325375A Publication No. US20030229021A1
                                                              30.4%;
                                                        30.4
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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                                                                                                                                                                        1 CHPHLP 6
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US-10-325-375A-10
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LENGTH: 9
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February 1, 2005, 07:38:44; Search time 18.4286 Seconds (without alignments) 71.973 Million cell updates/sec
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1. /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2. /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3. /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

3. /cgn2_6/ptodata/1/iaa/RB_COMB.pep:*

5. /cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*

5. /cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*

5. /cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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seq length: 20
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Perfect score:
Sequence:
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Maximum DB 8
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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| 4900<br>4900<br>4900<br>4900<br>4900<br>4900<br>4900<br>4900  | Allergic   | °°  | Allergic   |
| 203,<br>203,<br>203,<br>203,<br>203,<br>203,<br>203,<br>203,  | Treating   | Gaps  | Treating   |
| sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>seq<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence<br>sequence | for Tre  | 0   | for Tre  |
|   | Agent  | Length 15<br>; Indels                           |  |
| 295<br>295<br>296<br>297<br>297<br>302<br>301<br>301<br>301<br>279<br>279<br>279<br>279<br>279<br>279<br>279  | 4D Immunotherapeutic 142,524D /00740 Figure 2, Row 11  | w   | 14D<br>Immunotherapeutic Agent<br>112,524D   |
| S-08-146-028-303<br>S-08-723-425A-295<br>S-08-723-425A-296<br>S-08-723-425A-301<br>S-08-723-425A-301<br>S-08-723-425A-301<br>S-08-723-425A-302<br>S-09-112-206-295<br>S-09-112-206-297<br>S-09-112-206-303<br>S-09-112-206-303<br>S-09-112-206-303<br>S-09-112-206-303<br>S-09-790-497A-280<br>S-09-790-497A-281<br>S-09-790-497A-281<br>S-09-790-497A-281  | ALIGNMENTS 24D Immunother /142,524D 7/00740 , Figure 2,  | re 67; DB 4<br>d. No. 0.003:<br>Mismatches      | unother<br>,,524D  |
| US-08-7<br>US-08-7<br>US-08-7<br>US-08-7<br>US-08-7<br>US-09-1<br>US-09-1<br>US-09-7<br>US-09-7<br>US-09-7<br>US-09-7<br>US-09-7<br>US-09-7<br>US-09-7<br>US-09-7   | ALIGNME s/09142524D de-Based Immuno ti US/09/142,52 ti US/09/1 | Score<br>Pred.<br>O; Mis                        | 42524D   |
|   | /091<br>: US<br>-09-<br>-10<br>3.1<br>onic   | 38;<br>138;<br>15                               | /091<br>e-Ba<br>: US   |
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| 00000000000000000000000000000000000000  | Application US/0914 Application US/0914 AT19976 Sone, Toshio Sone, Toshio Liver, Akinori Dairiki, Kazuo Iwama, Akiko Kino, Kohsuke NENTION: Peptide-Bas NCE: SPO-103 LICATION NUMBER: US/ LICATION NUMBER: US/ LIG DATE: 1998-09-0 CATION NUMBER: PCT/J G DATE: 1997-03-10 EQ ID NOS: 174 atentin version 3.1  CTYPtomeria japonica MISC_FEATURE ALS. (15)   | Similarity 73.  1, Conservative NLVFRGPCQPHLPFK | Applica<br>719976<br>RMATION:<br>Sone, Tc<br>Kume, P<br>Dairiki<br>Iwama, Kino, F<br>Kino, F<br>Kino, F<br>Kino, F<br>Kino, F<br>Kino, F   |
| 00000000000000000000000000000000000000  | A PARTIE I I I I I I I I I I I I I I I I I I   | ttch<br>111<br>5<br>5                           | MCS-09-142-524D-93 Sequence 93, Application US/09142524D Sequence 93, Application US/09142524D PERCHA NO. 6719976 GENERAL INFORMATION: APPLICANT: Sone, Toshio APPLICANT: Rume, Akinori APPLICANT: Iwama, Akiko APPLICANT: Iwama, Akiko APPLICANT: Kino, Kohauko APPLICANT: Kino, Kohauko APPLICANT: Kino, Kohauko APPLICANT: Kino, Kohauko TILLE OF INVENTION: Peptide-Based Immunoth FILE REFERENCE: SPO-103 CURRENT APPLICATION NUMBER: US/09/142,524D  |
| 00000000000000000000000000000000000000  | RESULT 1 US-09-142-5 Sequence Sequence GENERAL I PAPPLICAN APPLICAN APPLICA | Query Ma<br>Best Loc<br>Matches<br>Qy<br>Db     | ASSOULT<br>1 Sequents of Sequent |
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; Sequence 25, 920-26
; Patent No. 6734287
; GENERAL INFORMATION:
    APPLICANT: Lawton, Robert
; APPLICANT: Mermer, Brion
; TITLE OF INVENTION: Greg
; TITLE OF INVENTION: Canine Allergy
FILE REFERENCE: 01-1275A
; CURRENT FILINGATE: 1999-03-30
; PRIOR APPLICATION NUMBER: 09/058,331
; PRIOR PILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: FastSEQ for Windows Version 3.0
; FROM TO 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 18, Application US/09281760E
; Betent No. 6734287
; GENERAL INFORMATION:
; APPLICANT: Lawton, Robert
; APPLICANT: Mermer, Brion
; APPLICANT: Mermer, Brion
; TITLE OF INVENTION: Specific Binding Protein for Treating
; TITLE OF INVENTION: Canine Allergy
; TITLE OF INVENTION: Canine Allergy
; TITLE OF INVENTION: Canine Allergy
; CURRENT APPLICATION NUMBER: US/09/281,760E
; CURRENT FILING DATE: 1999-03-30
; PRIOR APPLICATION NUMBER: 09/058,331
; PRIOR FILING DATE: 1998-04-09
; NUMBER OF SEQ ID NOS: 39
; SEQ ID NO: 39
; SEQ ID NO: 8
; FEARTH OF THE SECTION WINDOWS VERSION 3.0
                                                                                                                                                                                                                                                                                     Score 37; DB 4; Length 12;
Pred. No. 45;
1; Mismatches 1; Indels
                                                                                                                                                                                                        ; OTHER INFORMATION: Synthetic peptide containing PXP motif US-10-118-575A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 35; DB 4; I
Pred. No. 3.8e+05;
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CURRENT FILING DATE: 2002-04-08
PRIOR APPLICATION NUMBER: US 60/282,270
PRIOR FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 12
LENGTH: 12
                                                                                                                                                                                                                                                                                       32.2%;
                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Canis familiaris
US-09-281-760E-18
                                                                                                                                                                                                                                                                                       Query Match 32.2
Best Local Similarity 75.0
Matches 6; Conservative
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US-09-281-760E-18
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Sequence 95x, Application US/09142524D

Patent No. 6719976

GENERAL INFORMATION:
APPLICANT: Sone, Toshio
APPLICANT: Name, Akinori
APPLICANT: Name, Akinori
APPLICANT: Name, Akinori
APPLICANT: Name, Akiko
APPLICANT: Name, Akiko
APPLICANT: Name, Akiko
APPLICANT: Name, Akiko
APPLICANT: Name, Rohauke
TITLE REFERENCE: SPO-103
FILE REFERENCE: SPO-103
CURRENT FILING DATE: 1998-09-09
PRIOR PILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SOCTIAND:
SEQ ID NO 95
LENGTH: 15
LENGTH: 15
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Sequence 12, Application US/10118575A
Fatent No. 6653443
GENERAL INFORMATION:
APPLICANT: ZHANG, Hui
APPLICANT: PONERANZ, Rogex
TITLE OF INVENTION: Multimerization of HIV-1 VIF Protein as
TITLE OF INVENTION: AT TAXABLE REFRENCE: 8321-82 PC
CURRENT APPLICATION NUMBER: US/10/118,575A
                                                                                                                                                                                                                                                                                                       55.7%; Score 64; DB 4; Length 15; 78.6%; Pred. No. 0.0088; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match

48.7%; Score 56; DB 4; Length 15;
Best Local Similarity 81.8%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                              NAME/KEY: MISC_FEATURE
CCATION: (1)...(15)
OTHER INFORMATION: Cryjz peptide, Figure 2, Row 10
US-09-142-524D-93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: (1). (15)
OTHER INFORMATION: Cryj2 peptide, Figure 2, Row 12
               PRIOR APPLICATION NUMBER: PCT/JP97/00740 PRIOR FILING DATE: 1997-03-10 NUMBER OF SEQ ID NOS: 174 SEQ ID NO 93 LENGTH: 15
CURRENT FILING DATE: 1998-09-09
                                                                                                                                                   TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                    1 FFVNNLVFRGPCOP 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 FVVNNLFFNGPCQP 15
                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 78.6
Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 3
US-09-142-524D-95
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APPLICANT: THORN, Judith M.
APPLICANT: THORN, Judith M.
APPLICANT: QUILLIAM, Lawrence A.
APPLICANT: FOWLKES, Dana M.
APPLICANT: FOWLKES, Dana M.
APPLICANT: RIDER, James B.
TITLE OF INVENTION: SISILATING PEPTIDES AND METHODS OF TITLE OF INVENTION: SISILATING AND USING SAME NUMBER OF SEQUENCES: 467
CORRESPONDENCE ADDRESS: Pennia & Edmonds
ADDRESSEE: Pennia & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SIREE: New York
CITY: New York
COUTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/602,999A
FILING DATE: 16-FEB-1996
CLASSIFICATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 1101-202
REFERENCE/DOCKET NUMBER: 1101-202
TELEFPHONE: (212) 790-9090
TELEFAX: (212) 790-9090
TELEFAX: (212) 790-9090
TELEFAX: (212) 790-9090
TELEFAX: (212) 700-9090
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Pred. No. 1.6e+02;
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                                                                                                                                       Sequence 203, Application US/08602999A Patent No. 6184205 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-500-124-203
Sequence 203, Application US/09500124
Patent No. 642920
GENERAL INFORMATION:
APPLICANT: SPARKS, Andrew B.
APPLICANT: KAY, Brian K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       THORN, Judith M.
QUILLIAM, Lawrence A.
DER, Channing J.
POWIKES, Dana M.
RIDER, James E.
                                                                                                                                                                                                        SPARKS, Andrew B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        29.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 16 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 60.0
8 FRGPCQPHLPF 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: unknown; MOLECULE TYPE: peptide US-08-602-999A-203
                       1 FXGPLLPNXPF 11
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                     | FATERIA NO. 0, 13428/
| GENERAL INFORMATION:
| APPLICANT: Lawton, Robert
| APPLICANT: Wermer, Brion
| APPLICANT: Francour, Greg
| TITLE OF INVENTION: Specific Binding Protein for Treating
| TITLE OF INVENTION: Canine Allergy
| FILE REFERENCE: 01-1275A
| CURRENT APPLICATION NUMBER: US/09/281,760E
| PRIOR APPLICATION NUMBER: 09/058,331
| PRIOR FILING DATE: 1999-03-30
| NUMBER OF SEQ ID NOS: 39
| SOUTHWARE: FASTESEQ FOR Windows Version 3.0
| SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 11, Application US/08987743

Sequence 11, Application US/08987743

Patent No. 6123938

GENERAL INFORMATION:
APPLICANT: Stear, Robert
APPLICANT: Csocka, Anthony
APPLICANT: Csocka, Anthony
APPLICANT: Wong, Tim M.
TITLE OF INVENTION: Purification and Microsequencing of
TITLE OF INVENTION: Puplauronidase Isozymes
FILE REPRENCE: 9076/08621PS

CURRENT APPLICANTON NUMBER: US/08/987,743

CURRENT PAPLICANTON NUMBER: US/08/987,743

CURRENT PILING DATE: 1997-12-09

SARLIER PILING DATE: 1997-12-109

NUMBER OF SEQ ID NOS: 16

SOFTWARE: FREEEQ FOR Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 35; DB 4; Length 14;
Pred. No. 99;
                                                                         Score 35; DB 4; Length 9;
Pred. No. 3.8e+05;
0; Mismatches 1; Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             30.4%; Score 35; DB 3; Length 17; 54.5%; Pred. No. 1.2e+02; rative 1; Mismatches 4; Indels
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                                                                                                                                                                                                                                                            RESULT 7
US-09-281-760E-10
* Sequence 10, Application US/09281760E
; Patent No. 6734287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  30.4%;
                                                                           30.4%;
          ; ORGANISM: Canis familiaris
US-09-281-760E-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Canis familiaris
US-09-281-760E-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 30.4
Best Local Similarity 54.5
Matches 6; Conservative
                                                                                                                    5, Conservative
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ORGANISM: H. sapiens
US-08-987-743-11
                                                                         Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                           12 CQPHLP 17
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GENERAL INFORMATION:

APPLICANT: Marsden, Howard S

APPLICANT: Marsden, Howard S

TITLE OF INVENTION: DEPTIDE STRUCTURES AND THEIR USE IN

TITLE OF INVENTION: DIAGNOSIS OF HERPES SIMPLEX VIRUS TYPE 2

TITLE OF SEQUENCES: 86

CORRESPONDENCES: 86

ADDRESSEE: Nixon & Vanderhye PC

STREET: Nixon & Vanderhye PC

CITY: Arlington

STATE: Virginia

COUNTRY: USA
      Score 33; DB 4; Length 14;
Pred. No. 1.9e+02;
0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 33; DB 2; Length 18;
Pred. No. 2.4e+02;
1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: The Oblo State University Research Foundation APPLICANT: The Oblo State University Research Foundation APPLICANT: The Oblo State University Research Foundation TITLE OF INVENTION: Antigenic modification of polypeptides FILE REPRENCE: URF 2-056 AVI
CURRENT APPLICATION NUMBER: US/09/413,564C
CURRENT FILING DATE: 2002-08-27
PRIOR FILING DATE: 1999-10-06
NUMBER OF SEQ IN DOS: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMFUTER: Floppy disk

COMFUTER: PLOPPY disk

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION UNBER: US/09/017,205

FILING DATE: 02-FBB-1998

CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: peptide from HSV-2 glycoprotein G
FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Mitchard, Leonard C
REGISTRATION NUMBER: 29,009
REFERENCE/DOCKET NUMBER: 604-436
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 19, Application US/09413564C Patent No. 6716428
                                                                                                                                                                                                                                                    Sequence 20, Application US/09017205
Patent No. 5965357
    28.7%;
66.7%;
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  Query Match
Best Local Similarity 66.7
Matches 6; Conservative
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Best Local Similarity 62.5
Matches 5; Conservative
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                                                                                                                                           4 NKLVHGGPC 12
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US-09-413-564C-19
                                                                                                                                                                                                             RESULT 12
US-09-017-205-20
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Sequence 5, Application US/09741171

Sequence 5, Application US/09741171

Sequence 5, Application US/09741171

Sequence 5, Application US/09741171

Sequence 5, Application

APPLICANT: Kominami, Katsuya

APPLICANT: Kominami, Katsuya

APPLICANT: Within Shinichi

APPLICANT: Yamaguchi, No. 66457340mi

TITLE OF INVENTION: Serine protease specific monoclonal antibodies and their

TITLE OF INVENTION: USE

FILE REFERENCE: 532380

CURRENT APPLICATION NUMBER: US/09/741,171

CURRENT FILING DATE: 1999-07-02

PRIOR FILING DATE: 1999-07-02

PRIOR APPLICATION NUMBER: D10/187506

PRIOR APPLICATION NUMBER: JP 10/187506

PRIOR APPLICATION NUMBER: JS 507-02

NUMBER OF SEQ ID NOS: 5

SSOTUMARE: Patentin version 3.0

LENGTH: 14
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TITLE OF INVENTION: SH3 BINDING PEPTIDES AND METHODS OF TITLE OF INVENTION: ISOLATING AND USING SAME WUMBER OF SEQUENCES: 467
CORRESPONDENCE ADDRESS: ADDRESS: Pennie & Edmonds
                                                                                      ADDRESSE: Pennie & Edmonds
STRET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln APPLICATION DATA:
APPLICATION NUMBER: US/09/500,124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1101-202
                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/602,999
FILING DATE: 16-FEB-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-2
TELECOMMUNICATION INFORMATION:
TELEFRONS: (212) 790-9090
TELEFRAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (212) 00.
TELEFAX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 203:
SEQUENCE CHARACTERISTICS:
TENGTH: 16 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  29.6%;
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Best Local Similarity 60.0°
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: unknown; MOLECULE TYPE: peptide US-09-500-124-203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3 GPSKPPLPIK 12
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; ORGANISM: Human being
US-09-741-171-5
                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE
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Search completed: February 1, 2005, 07:52:30 Job time : 19.4286 secs
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US-08-336-553A-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ;
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| Patent No. 6716428
| GENERAL INCORMATION:
| APPLICANT: The Ohio State University Research Foundation
| APPLICANT: The Ohio State University Research Foundation
| TITLE OF INVENTION: Antigenic modification of polypeptides
| FILE REFERENCE: URF 2-056 Au1
| CURRENT APPLICATION NUMBER: US/09/413,564C
| CURRENT FILING DATE: 2002-08-27
| PRIOR FILING DATE: 1006-13, 564
| PRIOR FILING DATE: 1006-13, 564
| NUMBER OF SEQ ID NOS: 43
| SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                          Score 33; DB 4; Length 20;
Pred. No. 2.7e+02;
6; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              27.8%; Score 32; DB 4; Length 20; 26.7%; Pred. No. 3.7e+02; Live 6; Mismatches 5; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                          28.7%;
26.7%;
SOFTWARE: Patentin version 3.0
SEQ ID NO 19
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   : :||:: | :|
2 YTRDLVYKNPARPKI 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 FVNNLVFRGPCOPHL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 FVNNLVFRGPCQPHL 16
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                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match 28.79
Best Local Similarity 26.7
Matches 4, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 27.8
Best Local Similarity 26.7
Matches 4; Conservative
                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                 NAME/KEY: PEPTIDE
; LOCATION: (1)..(20)
US-09-413-564C-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; NAME/KEY: PEPTIDE
; LOCATION: (1)..(20)
US-09-413-564C-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: EQUINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-413-564C-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 20
LENGTH: 20
                                                                                                                                                                                                     FEATURE:
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Gaps
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Pred. No. 3.8e+05;
1; Mismatches 2; Indels
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,553A
FILING DATE:
CLASSIFICATION 435
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US/08/060,400
FILING DATE: 10-MAY-1993
ATTONENTY/AGENT INFORMATION:
NAME: LERINHARDT, SUSAN K.
REGISTRATION NUMBER: 33,943
REFERENCE/DOCKET NUMBER: 22300-20947.00
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 189-5600
                                                                                                                                                                                                                                                                                                                                        TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 57.1
The A; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12 CQPHLPF 18
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February 1, 2005, 07:47:50; Search time 61.1429 Seconds (without alignments) 118.179 Million cell updates/sec
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| Cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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| Cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1608061 seqs, 361289386 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Published_Applications_AA:*
                                                                                                                                           OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                        116
1 PCQPHLPFKVDGTIVAQPDP 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                 US-09-202-464-90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Minimum DB seq length: 0 Maximum DB seq length: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BLOSUM62
                                                                                                                                                                                                                                                                                                                                                                 Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Database :
                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Searched:
                                                                                                                                                                                                                     Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

|           | Description              | Sequence 95, Appl | Sequence 94, Appl | Sequence 40, Appl | Sequence 96, Appl | Sequence 2, Appli | Sequence 12, Appl | Sequence 11, Appl | Sequence 11, Appl | Sequence 11, Appl | Sequence 1, Appli | Sequence 11, Appl | Sequence 10, Appl | Sequence 104, App |
|-----------|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| SUMMARIES | . QI                     | US-10-354-240-95  | US-10-354-240-94  | US-09-829-549A-40 | US-10-354-240-96  | US-10-779-890-2   | US-10-688-100-12  | US-10-396-964-11  | US-09-941-611-11  | US-10-044-995-11  | US-10-779-890-1   | US-10-822-871-11  | US-10-396-964-10  | US-10-304-443-104 |
|           | DB                       | 14                | 14                | 6                 | 14                | 16                | 12                | 14                | σ                 | 14                | 16                | 17                | 14                | 14                |
|           | Query<br>Match Length DB | 15                | 15                | 15                | 15                | 20                | 12                | 17                | 20                | 20                | 20                | 20                | 17                | 60                |
| a         | Query<br>Match           | 56.0              | 39.7              | 35.3              | 35.3              | 32.8              | 31.9              | 31.5              | 31.0              | 31.0              | 31.0              | 31.0              | 30.6              | 30.2              |
|           | Score                    | 65                | 46                | 41                | 41                | 38                | 37                | 36.5              | 36                | 36                | 36                | 36                | 35.5              | 35                |
|           | Result<br>No.            | 1                 | 7                 | æ                 | 4                 | 2                 | 9                 | 7                 | ω                 | თ                 | 10                | 11                | 12                | 13                |

| 310,                     | Sequence 10, Appl<br>Sequence 11, Appl | Sequence 12, Appl      | 16,        | 75,                    | 4          | e 100 |    | 56,                     | 23, | ۳<br>ش | 5, | 26                    | 57, | Sequence 55, Appl | ņ                      | 7 |                        | Sequence 18, Appl      |   | 5                       | Sequence 579, App | Sequence 579, App       | Sequence 3199, Ap | Sequence 3207, Ap | Sequence 3208, Ap | Sequence 12, Appl | Seguence 3216, Ap | Sequence 3217, Ap         |
|--------------------------|--|------------------------|------------|------------------------|------------|-------|----|-------------------------|-----|--------|----|-----------------------|-----|-------------------|------------------------|---|------------------------|------------------------|---|-------------------------|-------------------|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|
|                          |  | 9 14 US-10-325-375A-12 | 14         | 12 15 US-10-362-527-75 | σ          | 16    |    | 18 15 US-10-373-406B-56 | 17  | 14     | σ  | 20 9 US-09-731-221-56 | Q   | 14                | 20 15 US-10-253-286-55 | 9 | 12 14 US-10-303-331-47 | 14 14 US-10-367-405-18 | ω | 10 9 US-09-884-767A-211 | 6                 | 11 11 US-09-791-377-579 | 14                | 14                | 14                | 16                | 14                | 13 14 US-10-224-999A-3217 |
| 14 35 30.2<br>15 35 30.2 | 16 35 30.2<br>17 35 30.2               | 18 35 30.2             | 20 35 30.2 | 21 35 30.2             | 22 35 30.2 | J.    | 34 | 25 33.5 28.9 1          |     |        |    |                       |     |                   |                        |   |                        | 35 30.5 26.3 1         |   | . 25.9                  | •                 | 25.9                    | . 25.9            | •                 | 25.9              | 5.9               | • •               | 45 30 25.9 1              |

## ALIGNMENTS

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Sequence 95, Application US/10354240
; Boblication No. US20030185847A1
; Sequence 95, Application US/10354240
; Publication No. US20030185847A1
; GENERAL INFORMATION:
; APPLICANT: Sone, Toshio
; APPLICANT: Sone, Toshio
; APPLICANT: Name, Akinori
; APPLICANT: Hame, Akinori
; APPLICANT: Iwama, Akinor
; APPLICANT: Hame, Akinor
; APPLICANT: Hame, Akinor
; APPLICANT: Wino, Kohsuke
; TILE REFRENCE: SPO-103D1
; CURRENT APPLICATION NUMBER: PCT/JP97/00740
; FILE REFRENCE: SPO-103D1
; CURRENT FILING DATE: 1997-03-10
; FRIOR APPLICATION NUMBER: PCT/JP97/00740
; RIOR APPLICATION NUMBER: PCT/JP97/00140
; RIOR APPLICATION NUMBER: PCT/JP98/00140
; RIOR APPLICATION NUMBER: PCT/JP97/00140
; RIOR APPLICATION NUMBER: PCT/JP97/00140
; RIOR APPLICATION NUMBER: PCT/JP98/00140
; RIOR APPLICATION NU
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TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dissering REFERENCE: SPO-103D1
CURRENT PEPLICATION NUMBER: US/10/354,240
CURRENT FILING DATE: 2003-01-29
PRIOR PELLING DATE: 1999-03-10
PRIOR PILING DATE: 1999-03-10
PRIOR PILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09
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0
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Pred. No. 19;
0; Mismatches 4; Indels
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Pred. No. 77;
0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: (1). T(15) OTHER INFORMATION: Cryj2 peptide, Figure 2, Row 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-779-890-2

Sequence 2, Application US/10779890

Publication No. US20040142871A1

GENERAL IPPORATION:

APPLICANT: Shaughnessy, S.

APPLICANT: Austin, R.

TITLE OF INVENTION: OSTEODOROSIS TREATMENT

FILE REPERENCE: MOSP-P04-180

CURRENT APPLICATION NUMBER: US/10/779,890

CURRENT PILING DATE: 2004-02-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/CA99/00516
PRIOR FILING DATE: 1999-05-19
PRIOR APPLICATION NUMBER: US 09/715,838
PRIOR FILING DATE: 2000-11-17
                                                                                                                          Sequence 96, Application US/10354240; Publication No. US20030185847A1; GENERAL INFORMATION:
APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Dairiki, Kazuo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 174
SOFTWARE: Patentin version 3.1
SEQ ID NO 96
LENGTH: 15
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SOFWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  32.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 32.8
Best Local Similarity 66.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HFTFKVDGIIAA 12
                                                                                                                                                                                                                                                    APPLICANT: Kume, Akinori
APPLICANT: Dairiki, Kazu
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Homo sapiens
US-10-779-890-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7 PCOPHFLLK 15
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                                                                                                                                                                                                                                                                            APPLICANT: Kume, Akinori
APPLICANT: Kume, Akinori
APPLICANT: Dairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Dairiki, Kazuo
APPLICANT: Wama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Disea
FILE REFERENCE: SPO-103D1
CURRENT APPLICANTON NUMBER: US/10/354,240
CURRENT FILING DATE: 2003-01-29
PRIOR APPLICANTON NUMBER: US/10/397/00740
PRIOR APPLICANTON NUMBER: US/097-03-10
PRIOR APPLICANTON NUMBER: US/097-03-10
RIGHT APPLICANTON
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Patent No. US20020052484A1
GENERAL INFORMATION
TITLE OF INVENTION: PHAGE DISPLAY SELECTION OF ANTI FUNGAL PEPTIDES
FILE REFERENCE: UMO 1521.1
CURRENT FILING DATE: 2001-04-10
PRIOR FILING DATE: 2000-04-10
PRIOR FILING DATE: 2000-04-10
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0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               39.7%; Score 46; DB 14; Length 15; 77.8%; Pred. No. 3.1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 35.3%; Score 41; DB 9; Length 15; Best Local Similarity 85.7%; Pred. No. 19; Matches 6; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: (1).7(15)
OTHER INFORMATION: Cryj2 peptide, Figure 2, Row 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; NAME/KEY: DOMAIN
; LOCATION: (1)..(15)
; OTHER INNERMATION: Random peptide insert
US-09-829-549A-40
                                                                                                                                                        Sequence 94, Application US/10354240 Publication No. US20030185847A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 48
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 40
LENGTH: 15
TYPE: PRT
ORGANISM: Artificial Sequence
2 PCQPHFTFKVDGII 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 77.0
Percentage 7, Conservative
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NAME/KEY: MISC_FEATURE
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                                                                                                                                                                                                                GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-829-549A-40
                                                                                                                             JS-10-354-240-94
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Gaps

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Gaps

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TOPOLOGY: linear
MOLECTUE TYPE: peptide
HYPOTHEITCAL: NO
FRAGNENT TYPE: internal
ORIGINAL SOURCE:
ORIGINAL HEPATITIS-C VITUE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20 amino acids
TELECOMMUNICATION INFORMATION:
                                         TELEFAX: 704-334-2014
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 7038164000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 7038164100
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | |||: ::| : |
2 CSQHLPY-IEGALAEQ 16
                                                                                                                                                                                                                                                                                                                                                                                                                                              2 CQPHLPFKVDGTIVAQ 17
                         704-377-1561
704-334-2014
                                                                                                         LENGTH: 17 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
                                                                                                                                                                                                                                                                                                             US-10-396-964-11
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                             Sequence 12, Application US/10688100
Fublication No. US20040086512A1
Fublication No. US20040086512A1
FAPPLICANT: ZHANG, Hui
APPLICANT: PONERANZ, Roger
TITLE OF INVENTION: ATHerapeutic Target
FILE REFERENCE: 08321-0082 DIZ
CURRENT APPLICATION NUMBER: US/10/688,100
CURRENT FILING DATE: 2003-10-17
FRIOR PELICATION NUMBER: US/0/688,100
FRIOR PELICATION NUMBER: US/0/282,270
FRIOR PELING DATE: 2001-04-06
FRIOR PELING DATE: 2001-04-06
FRIOR SEQ ID NOS: 26
NUMBER OF SEQ ID NOS: 26
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PRAESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  31.9%; Score 37; DB 15; Length 12; 75.0%; Pred. No. 63;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , OTHER INFORMATION: Synthetic peptide containing PXP motif US-10-688-100-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0. Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/396,964
FILING DATE: 23-MARCH-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A. STREET: 1211 East Morehead Street CITY: Charlotte CATTE: No. US20031198946Alth Carolina COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 11, Application US/10396964
Publication No. US20030198946A1
GENERAL INFORMATION:
APPLICANT: Simmonds, Peter
APPLICANT: Chan, Shiu-Wan
APPLICANT: Yap, Peng L.
ITLE OF INVENTION: Hepatitis-C Virus Testing
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/244,116B
FILING DATE: 15-JUL-1994
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PCT/GB92/02143
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FILING DATE: 20-NOV-1992
ATTORNEY/ACENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 1749-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 75.0°
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS: ADDRESSE: Bell, Sel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 QPHLPFKV 10
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                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 12
LENGTH: 12
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Gaps
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     Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:

MEDLUM TYPER PROPRY

MEDLUM TYPER PROPRY

MEDLUM TYPER PROPRY

COMPUTER: 1990

SOFTWARE: PACENTIN Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/941,611

FILING DATE: 30-Aug-2001

CLASSIFICATION NUMBER: 08/391,671

APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: WO PCT/EP91/02409

FILING DATE: 1995-02-21

APPLICATION NUMBER: EP 90124241.2

FILING DATE: 14-DEC-1990

ATTORNEY/AGENT INFORMATION:

MAND: AND PROPERTY OF THE PROPRY AND PATTORNEY AGENT INFORMATION:
                                                            Indels
Query Match 31.5%; Score 36.5; DB 14; Best Local Similarity 37.5%; Pred. No. 1.1e+02; Matches 6; Conservative 4; Mismatches 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 1487-5 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
                                                                                                                                                                                                                                                                                                                                                                                                                                                     MAERTENS, GEERT
VAN HEUVERSWUN, HUGO
                                                                                                                                                                                                                                                               RESULA 0
US-09-941-611-11
Sequence 11, Application US/09941611
Sequence 11, Application US/09941611
Patent No. US20020106640A1
GENERAL INFORMATION:
APPLICANT: DELEYS, ROBERT J
POLLET, DIRK
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MAERTHS, GEERT
VAN HEUVERSWUN, HUGO
TITLE OF INVENTION: SYNTHETIC ANTICENS FOR THE DETECTION OF
ANTIBODIES TO HEPATITIS C VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 16; I
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APPLICATION NUMBER: WO PCT/EP91/02409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             31.0%; bccd, No. 100.0%; Pred. No. 100.0%; Pred. No. 100.0%; Mismatches
                                                                                                                                                                                                 APPLICANT: Austin, R.
TITLE OF INVENTION: OSTEOPOROSIS TREATMENT
FILE REPERENCE: MDSP-P04-180
CURRENT APPLICATION NUMBER: US/10/779,890
CURRENT FILING DATE: 2004-02-17
PRIOR APPLICATION NUMBER: CT/CA99/00516
PRIOR FILING DATE: 1999-05-19
PRIOR FILING DATE: 2000-11-17
NUMBER OF SEQ ID NOS: 13
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/10/044,995
FILING DATE: 15-Jan-2002
APPLICATION NUMBER: 08/391,671
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: <Unknown>
APPLICATION NUMBER: US 07/920,286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/822,871
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 1100 NORTH GLEBE ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 13-Apr-2004
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  %3-10-822-871-11

Sequence 11, Application US/10822871

Publication No. US20050003345A1

GENERAL INFORMATION:

APPLICANT: DBLEYS, ROBERT J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 22201
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                ; Sequence 1, Application US/10779890; Publication No. US20040142871A1; GENERAL INFORMATION:
      6 CSOHLPYIEOGMMLA 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                            APPLICANT: Shaughnessy, S. APPLICANT: Austin, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: ARLINGTON STATE: VA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
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                                                                                            US-10-779-890-1
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                                                                                                                                                                                                                                                                                                                                                                                                                      MAERTENS, GEERT
VAN HEUVERSWUN, HUGO
TITLE OF INVENTION: SYNTHEDIC ANTICENS FOR THE DETECTION OF
ANTIBODIES TO HEPATITIS C VIRUS
                                                                                                                                      .;
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31.0%; Score 36; DB 14; Length 20;
Best Local Similarity 40.0%; Pred. No. 1.6e+02;
Matches 6; Conservative 3; Mismatches 6; Indels
                                                                                            Length 20;
                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMERS: US/10/044,995
FILING DATE: 15-Jan-2002
CLASSIFICATION: <unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/391,671
FILING DATE: «Unknown-
APPLICATION NUMBER: US 07/920,286
FILING DATE: 14-0CT-1992
APPLICATION NUMBER: WO PCT/EP91/02409
FILING DATE: 13-DEC-1991
APPLICATION NUMBER: EP 90124241.2
FILING DATE: 14-DEC-1990
ATTONNEY/AGENT INFORMATION:
                                                                                     Query Match 31.0%; Score 36; DB 9; I Best Local Similarity 40.0%; Pred. No. 1.6e+02; Matches 6; Conservative 3; Mismatches 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 36,663
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US-10-044-995-11
US-10-044-995-11
; Sequence 11, Application US/10044995
; Publication No. US20030049685A1
; GENERAL INFORMATION:
; APPLICANT: DELEYS, ROBERT J
; POLLET, DIRK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTY 22201
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 7038164000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7038164100
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                                                                                                                                                                                                     2 CQPHLPFKVDGTIVA 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: SADOFF
                                            US-09-941-611-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-044-995-11
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FILING DATE: 13-DEC-1991 APPLICATION NUMBER: EP 90124241.2

2 COPHLPFKVDGTIVA 16

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Gaps

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Length 20; Indels

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TYPE: PRT
ORGANISM: Human peptide sequence
            HYPOTHETICAL: Deptide
HYPOTHETICAL: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORIGINAL SOURCE:
US-10-396-964-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               30.2%;
83.3%;
                                                                                                                                                                                                                                                         2 CSQHLPY-IEGMLAEQ 16
                                                                                                                                                                                                                                 2 COPHLPFKVDGTIVAQ 17
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Best Local Similarity 83.3°,
Best Local Similarity 5; Conservative
s: peptide
NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10, Application US/10396964

Sequence 10, Application US/10396964

Publication No. US20030198946A1

GRNERAL INFORMATION:

APPLICANT: Simmonds, Peter
APPLICANT: Chan, Shiu-Wan

APPLICANT: Tan, Shiu-Wan

APPLICANT: Yap, Peng L.

ITILE OF INVENTION: Hepatitis-C Virus Testing

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSE: Bell, Selzer, Park & Gibson, P.A.

STRET: 1211 East Morehead Street
CITY: Charlotte
STATE: No. US20030199946A1th Carolina

COUNTRY: United States

IP: 2821P: 2821

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARRE: Patentin Release #1.0. Version #1.30

CURRENT APPLICATION NUMBER: US/10/396,964

FILING DATE: 23-MARCH-2003

CLASSIFICATION NUMBER: US/08/244,116B

FILING DATE: 15-UL-1994

CLASSIFICATION NUMBER: US/08/244,116B

FILING DATE: 15-UL-1994
        PILING DATE: 14-DEC-1990
ATTONEY/AGENT INFORMATION:
NAME: SADOFP, B.J.
REGISTRATION NUMBER: 36,663
REFREENCE/DOCKET NUMBER: 1487-5
TELECOMMUNICATION INFORMATION:
TELEPRAX: 7038164100
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
                                                                                                                                                                                                                          TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-10-822-871-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02143
FILING DATE: 20-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REPERENCE, POCKET NUMBER: 1749-125
TELECOMMUNICATION INFORMATION:
TELEPHONE: 704-377-1561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 704-334-2014
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                               2 CQPHLPFKVDGTIVA 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6 CSOHLPYIEOGMMLA 20
                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 40.0%
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 704-5,
TELEPHONE: 704-334-2014
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| PROCESSITION: NO CONSTRUCTION: NO CONSTRUCTION (1 Mismatches 5: Indels 1; Gaps 1; Bestiff 1: Construction (2 Construct
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        Query Match
        30.2%; Score 35; DB 15; Length 8;

        Best Local Similarity 83.3%; Pred. No. 1.50+06;

        Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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        2 CQPHLP 7

        L (H)||
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        CHARLED 1
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        CHARLED 1
        4

        CHARLED 2004
        4

        CURRENT PLICATION NUMBER: US/10/415,389

        CURRENT PELLON NUMBER: CON 1200-10-27

        CURRENT PELLON NUMBER: CON 120-10-27

        PRIOR PLILING DATE: 2001-10-27

        PRIOR PLILING DATE: 2001-10-27

        PRIOR PLILING DATE: 2001-10-27

        PRIOR PLIL GATION NUMBER: GB 0026334.3

        COFFWARE FREE FREE SEASOR FOR WINDOWS

        FEATURE OF SET OF
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Search completed: February 1, 2005, 08:27:19 Job time : 61.1429 secs

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Sequence 95, Application US/09142524D

Sequence 95, Application US/09142524D

Batent No. 671996

GENERAL INFORMATION:

APPLICANT: Sone, Toshnio

APPLICANT: Numa, Akiko

APPLICANT: Iwama, Akiko

APPLICANT: Iwama, Akiko

APPLICANT: Iwama, Akiko

APPLICANT: Iwama, Akiko

APPLICANT: Mino, Kohesuke

TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise

TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise

TILE REFERENCE: SPO-103

CURRENT APPLICATION NUMBER: PCT/JP97/00740

FRIOR APPLICATION NUMBER: PCT/JP97/00740

FRIOR APPLICATION NUMBER: PCT/JP97/00740

MUMBER OF SEQ ID NOS: 174

SOFTWARE: PatentIn version 3.1

SEQ ID NO 95

"LENGTH: 15

"WORLD NO 95

"LENGTH: 15
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APPLICANT: Sone, Toshio
APPLICANT: Kume, Akinori
APPLICANT: Iwama, Akinori
APPLICANT: Iwama, Akino
APPLICANT: Iwama, Akiko
APPLICANT: Iwama, Akiko
APPLICANT: Kino, Kohsuke
TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic Dise
FILE REPERRNCE: SPO-103
CURRENT APPLICATION NUMBER: US/09/142,524D
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Pred. No. 0.00075;
0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: MISC_FEATURE
CCATION: (1)...(15)
COTHER INFORMATION: Cryj2 peptide, Figure 2, Row 12
US-09-142-5240-95
US-09-437-895-36
US-08-444-818-461
US-08-444-818-462
US-08-146-028-295
US-08-146-028-296
US-08-146-028-397
US-08-146-028-301
US-08-146-028-303
US-08-723-425A-295
US-08-723-425A-295
US-08-723-425A-303
US-09-112-206-295
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ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  56.0%;
larity 78.6%;
Conservative
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US-09-142-524D-94
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     Query Match
Best Local
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Matches
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                                                                                                                                                                                   2005, 07:38:44; Search time 18.4286 Seconds (without alignments) 71.973 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 95,
Sequence 94,
Sequence 96,
Sequence 12,
Sequence 11,
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1: /cgn2_6/ptodata//iaa/5A_COMB.pep:*

1: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                            5.1.6
Compugen Ltd.
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US-09-142-524D-94
US-09-142-524D-96
US-10-118-575A-19
US-08-241-116B-11
US-08-261-760E-110
US-08-391-671A-11
US-08-391-671A-11
US-08-467-902A-11
US-08-467-902A-11
US-09-941-611-11
US-09-941-611-11
US-09-941-611-11
US-09-941-611-11
US-09-941-611-11
US-09-941-16B-10
US-09-941-16B-10
US-09-941-16B-10
US-09-941-16B-10
US-09-941-16B-10
US-09-941-16B-10
US-09-941-16B-10
US-09-941-16B-10
US-09-844-116B-10
US-09-881-678-3
US-08-604-365-3
US-08-604-365-3
US-08-833-623D-27
US-08-333-533A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-439-157-6
US-08-439-157-36
US-09-437-895-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        478139 segs, 66318000 residues
                            GenCore version
Copyright (c) 1993 - 2005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                    sw model
                                                                                                                                                                                                                                                                                                                          116
1 PCQPHLPFKVDGTIVAQPDP 20
                                                                                                                                                                                                                                                                                                                                                                                                      BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                    OM protein - protein search, using
                                                                                                                                                                                                                                                                                              US-09-202-464-90
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Match Length
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                                                                                                                                                                                         February
                                                                                                                                                                                                                                                                                              Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                         Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                                                                         Sequence:
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                                                                                                                                                                                         Run on:
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                                                                                                                                                                                                                                                                                                         Score 37; DB 4; Length 12;
Pred. No. 14;
1; Mismatches 1; Indels
                                                                                                                                                                                                                                    ; OTHER INFORMATION: Synthetic peptide containing PXP motif US-10-118-575A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0. Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,116B
FILING DATE: 15-JUL-1994
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02143
FILING DATE: 20-NOV-1992
ATYONEY/AGENT INFORMATION:
NAME: SIDLEY, KENNER! D.
REGISTRATION NUMBER: 31,665
REGISTRATION NUMBER: 31,665
REGISTRATION NUMBER: 31,665
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 31,665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 11. Application US/08244116B
Fatent No. 5763159
GENERAL INFORMATION:
APPLICANT: Simmonds, Peter
APPLICANT: Chan, Shiu-Wan
APPLICANT: Yap, Peng L.
TITLE OF INVENTION: Hepatitis-C Virus Testing
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell, Selzer, Park & Gibson, P.A.
STREET: 1211 East Morehead Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  31.5%; Score 36.5; 1 37.5%; Pred. No. 26;
                          PRIOR APPLICATION NUMBER: US 60/282,270
PRIOR FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 26
SSCTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 12
LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Charlotte
STATE: No. 5763159th Carolina
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ) ORGANISM: Hepatitis-C virus
US-08-244-116B-11
    2002-04-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 704-377-1561
TELEFAX: 704-334-2014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 75.0%;
Matches 6; Conservative 1
                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 17 amino acids
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TOPOLOGY: linea.
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                   3 QPHLPFKV 10
                                                                                                                                                                                                                                                                                                                                                                                                                                            2 EPHLPPPV 9
       CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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                                                                                                                                                                                                                   FEATURE:
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| Sequence 96, Application US/09142524D
| Patent No. 6719976
| GENERAL INFORMATION:
| APPLICANT: Sone, Toshio.
| APPLICANT: Nume, Akinori
| APPLICANT: Nume, Akinori
| APPLICANT: Iwama, Akiko
| APPLICANT: STO. 103
| CURRENT APPLICATION NUMBER: US/09/142,524D
| CURRENT FILING DATE: 1998-09-09
| PRIOR PILING DATE: 1998-09-09
| PRIOR PILING DATE: 1998-09-09
| PRIOR PILING DATE: 1997-03-10
| NUMBER OF SEQ ID NOS: 174
| SOFTWARE: PatentIn version 3:1
| SEQ ID NO 96
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Sequence 12, Application US/10118575A

Patent No. 665343

GENERAL INFORMATION:
APPLICANT: ZHANG, Hui
APPLICANT: YONERANZ, Roger
APPLICANT: YONERANZ, Roger
TITLE OF INVENTION: Multimerization of HIV-1 VIF Protein as
TITLE OF INVENTION: a Therapeutic Target
TITLE OF INVENTION: UNMBER: US/10/118,575A
                                                                                                                                                                                                                                                                                                                                                    39.7%; Score 46; DB 4; Length 15; 77.8%; Pred. No. 0.72;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 41; DB 4; Length 15;
Pred. No. 4.4;
                                                                                                                                                                                                                                                                                                                                                                                                   2; Indels
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                                                                                                                                                                                                                                                       LOCATION: (1) ...(15)
COTHER INFORMATION: Cryj2 peptide, Figure 2, Row 11
US-09-142-524D-94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: (1). (15)
OTHER INFORMATION: Cryj2 peptide, Figure 2, Row 13
                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
CURRENT FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: PCT/JP97/00740
PRIOR FILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PATENTIN OFFSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                            TYPE: PRT
ORGANISM: Cryptomeria japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        35.3%;
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Best Local Similarity 66.7
Matches 8; Conservative
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                                                                                                                                                                                                                               NAME/KEY: MISC FEATURE
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                                                                                                                  SEQ ID NO 94
LENGTH: 15
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CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                             31.0%; Score 36; DB 2; Length 20; 40.0%; Pred. No. 38;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/391,671A
FILING DATE: 12-FEB-1995
CLASSIFICATION NUMBER: US/09/20,286
FILING DATE: 14-OCT-1992
PRIOR APPLICATION NUMBER: WO PCT/EP91/02409
FILING DATE: 13-DEC-1991
PRIOR APPLICATION NUMBER: BP 90124241.2
FILING DATE: 14-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAMME: SADOFF, B.J.
REFERENCE/DOCKET NUMBER: 1487-5
TELLECOMMUNICATION NUMBER: 1487-5
TELLECOMMUNICATION NUMBER: 1487-5
TELLECOMMUNICATION NUMBER: 1487-5
    APPLICATION NUMBER: WO PCT/EP91/02409
FILING DATE: 13-DEC-1991
                                   PRICE APPLICATION DATA:

APPLICATION NUMBER: EP 90124241.2
FILING DATE: 14-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 1487-5
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECAX: 7039164100
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acid
TYPE: amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 11, Application US/08391671A
Patent No. 592532
GENERAL INFORMATION:
APPLICANT: DELEYS, ROBERT J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: POLLET, DIRK
APPLICANT: MAERTENS, GEERT
APPLICANT: VAN HEUVERSWUN, HUGO
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Best Local Similarity
Matches 6; Conserva
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USA
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STATE:
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US-00-466-975A-11
i Sequence 11, Application US/08466975A
j Patent No. 5910404
j Patent No. 5910404
j Patent INFORMATION:
j APPLICANT: DELEYS, ROBERT J
APPLICANT: MAERTENS, GERRT
j APPLICANT: WAN HEUVERSWUN, HUGO
ITLE OF INVENTION: SYNTHETIC ANTIGENS FOR THE DETECTION OF
ITLE OF INVENTION: ANTIBODIES TO HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
j ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
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APPLICANT: Francoeur, Greg
TITLE OF INVENTION: Gaine Allergy
TITLE OF INVENTION: Canine Allergy
FILE REFERENCE: 01-1275A
CURRENT APPLICATION NUMBER: US/09/281,760E
CURRENT FILING DATE: 1999-03-30
PRIOR APPLICATION NUMBER: 09/058,331
PRIOR FILING DATE: 1998-04-09
NUMBER OF SEQ ID NOS: 39
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 31.0%; Score 36; DB 4; Length 14; Best Local Similarity 54.5%; Pred. No. 25; Matches 6; Conservative 0; Mismatches 5; Indels
    5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,975A
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 14-OCT-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/391,671
                                                                                                                                                                 US-09-281-760E-10
Sequence 10, Application US/09281760E
Patent No. 6734287
GENERAL INFORMATION:
APPLICANT: Lawton, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 22201
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
  4;
                                                                     2 CSQHLPY-IEGALAEQ 16
                                          2 CQPHLPFKVDGTIVAQ 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Canis familiaris
  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
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USA
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COUNTRY: US
ZIP: 22201
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Matches
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Gaps

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APPLICANT: DELEYS, ROBERT J
APPLICANT: POLLET, DIRK
APPLICANT: MARRIENS, GEERT
APPLICANT: WAN HEUVENSWUN, HUGO
TITLE OF INVENTION: SYNTHETIC ANTIGENS FOR THE DETECTION OF
TITLE OF INVENTION: ANTIBODIES TO HEPATITIS C VIRUS
                     Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         31.0%; Score 36; DB 3; Length 20; 40.0%; Pred. No. 38;
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                                                              6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: PLORPY disk
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
COMPUTER: DISP PC COMPATIBLE
CORRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/275,265
FLING DATE: 18-FEB-1995
RIGNA APPLICATION NUMBER: US/08/391,671
FLING DATE: 21-FEB-1995
APPLICATION NUMBER: US 07/920,286
FILING DATE: 14-OCT-1992
APPLICATION NUMBER: WO PCT/EP91/02409
FILING DATE: 13-DEC-1991
PRIOR APPLICATION NUMBER: WO PCT/EP91/02409
FILING DATE: 13-DEC-1991
PRIOR APPLICATION NUMBER: EP 90124241.2
FILING DATE: 14-DEC-1991
APPLICATION NUMBER: EP 90124241.2
FILING DATE: 14-DEC-1991
APPLICATION NUMBER: BP 90124241.2
RILING DATE: 14-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REGISTRATION NUMBER: 36,663
REGISTRATION NUMBER: 36,663
REGISTRATION NUMBER: 36,663
                   Score 36; DB 3;
Pred. No. 38;
                                                              3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3; Mismatches
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                                                                                                                                                                                                                                                Sequence 11, Application US/09275265 Patent No. 6287761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: 7038164000
                 31.0%;
                                                                                                     2 COPHLPFKVDGTIVA 16
                                                                                                                                           6 CSQHLPYIEQGMMLA 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6 CSQHLPYIEQGMMLA 20
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INFORMATION FOR SEQ ID NO:
                                        Best Local Similarity 40.03
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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TELEPHONE: 705E164100
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Best Local Similarity
Matches 6; Conserva
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ZIP: 22201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
STREET: 11(
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US-09-275-265-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-275-265-11
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                     Query Match
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APPLICANT: POLLET, DIRK
APPLICANT: MAERTENS, GEERT
THLE OF INVENTION: SYNTHETIC ANTIGENS FOR THE DETECTION OF
TITLE OF INVENTION: ANTIBODIES TO HEPATITIS C VIRUS
                                                                                                                                                                                                        Score 36; DB 2; Length 20; Pred. No. 38;
                                                                                                                                                                                                                                                6; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,902A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIC CATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/391,671
FILING DATE:
APPLICATION NUMBER: US/08/391,671
FILING DATE: 14-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/EP91/02409
FILING DATE: 13-DEC-1991
PRIOR APPLICATION NUMBER: EP 90124241.2
FILING DATE: 14-DEC-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: NIXON & VANDERHYE P.C. STREET: 1100 NORTH GLEBE ROAD CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 22201
COMPUTER REAABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                             US-08-467-902A-11; Sequence 11, Application US/08467902A; Patent No. 6007982; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 14:
TELECOMMUNICATION INFORMATION:
                     11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS: LENGTH: 20 amino acids TYPE: amino acid strandedness: single
                                                                                                                                                                                                        Query Match
Best Local Similarity 40.0%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                         2 COPHLPFKVDGTIVA 16
                                                                                                                                                                                                                                                                                                                 6 CSQHLPYIEQGMMLA 20
                 INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 7038164000
TELEFAX: 7038164100
                                                                         TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-391-671A-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-467-902A-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & V
7038164100
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TELEFAX:
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Sequence 52, Application US/09790497A Patent No. 6649735 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
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ZIP: 22201
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CSOHLPYIEQGMMLA 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPOLOGY: linear
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SEQ ID NO 52
LENGTH: 20
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Best Local Similarity
Matches 6; Conserva
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US-09-790-497A-52
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Pred. No. 38; 6; Indels
3; Mismatches 6; Indels
                                                                                             APPLICANT: TAKAHAMA, Y.
APPLICANT: TAKAHAMA, Y.
TITLE OF INVENTION: DIAGNOSTIC REAGENT FOR HEPATITIS
TITLE OF INVENTION: C VIRUS INFECTION
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FateSEQ for Windows
SOFTWARE: FateSEQ for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/850,328
FILING DATE: 02-MY-1997
CLASSIFCATION: 435
PRIOR APPLICATION: A35
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTOMNEY/ABOTT INFORMATION:
NAME: MAY9, Thomas D
REGISTRATION NUMBER: 34,524
REFERENCE/DOCKET NUMBER: 3273-20004.00
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEDENONE: 202-887-1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSES: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
                                                                                                                                                                                                                             ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Avenue, NW
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: DELEYS, ROBERT J
POLIET, DIRK
MARRIENS, GERT
VAN HEUVERSWUN, HUGO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 11, Application US/09941611
Patent No. 6576417
GENERAL INFORMATION:
                                   Sequence 8, Application US/08850328
Patent No. 6379886
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            31.0%;
40.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 CQPHLPFKVDGTIVA 16
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                                                                                                                                                                                                                                                                        CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 202-822-0168
TELEX: 90-4030
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 31.0
Best Local Similarity 40.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-850-328-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-941-611-11
                 US-08-850-328-8
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30.6%; Score 35.5; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 37;
Matches 6; Conservative 4; Mismatches 5; Indels
                                                                                                        Query Match 31.0%; Score 36; DB 4; Length 20; Best Local Similarity 40.0%; Pred. No. 38; Matches 6; Conservative 3; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: NO. 5/6119 CCOUNTRY.

COUNTRY: United States

ZIP: 28234

COMPUTER READABLE FORM:

MEDIUW TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0. Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/244,116B

FILING DATE: 10-JUL-1994

CLASSIFICATION NUMBER: PCT/GB92/02143

FILING DATE: 20-NOV-1992

ATFORNEY/AGENT INFORMATION:

NAME: SIDLEY, Kenneth D.

REGISTRATION NUMBER: 31,665

REGISTRATION FOR SOUTH OF SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:

LEMETHER : 704-377-1561

INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:

LEMETHER : 71 amino acids

LEMETHER : 71 amino acids

LEMETHER : 71 amino acids

LEMETHER : 71 amino acids
                                                                                                                                                                                                                                                                                                                                                                                    Sequence 100 Application US/08244116B
Fatent No. 5763159
GENERAL INFORMATION:
APPLICANT: Simmonds, Peter
APPLICANT: Chan, Shiu-Wan
APPLICANT: Yap, Peng L.
TITLE OF INVENTION: Hepatitis-C Virus Testing
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Ball, Seltzer, Park & Gibson, P.A.
STREET: Claim Bast Morehead Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Charlotte
STATE: No. 5763159th Carolina
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Hepatitis-C virus
US-08-244-116B-10
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                                                                                                                                                                                                                                                           6 CSQHLPYIEQGMMLA 20
                                                                                                                                                                                                           2 COPHLPFKVDGTIVA 16
; TYPE: PRT
; ORGANISM: Hepatitis C virus
US-09-790-497A-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FRAGMENT TYPE: internal ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
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US-08-244-116B-10
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RESULT 15 US-09-281-760E-18

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; Sequence 18, Application US/09281760E
; Patent No. 6734287
; GENERAL INCORMATION:
; APPLICANT: Lawton, Robert
; APPLICANT: Exancour, Greg
; TITLE OF INVENTION: Specific Binding Protein for Treating
; TITLE OF INVENTION: Canine Allergy
; TITLE OF INVENTION: Canine Allergy
; FILE OF INVENTION: Death of the configuration of
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